

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

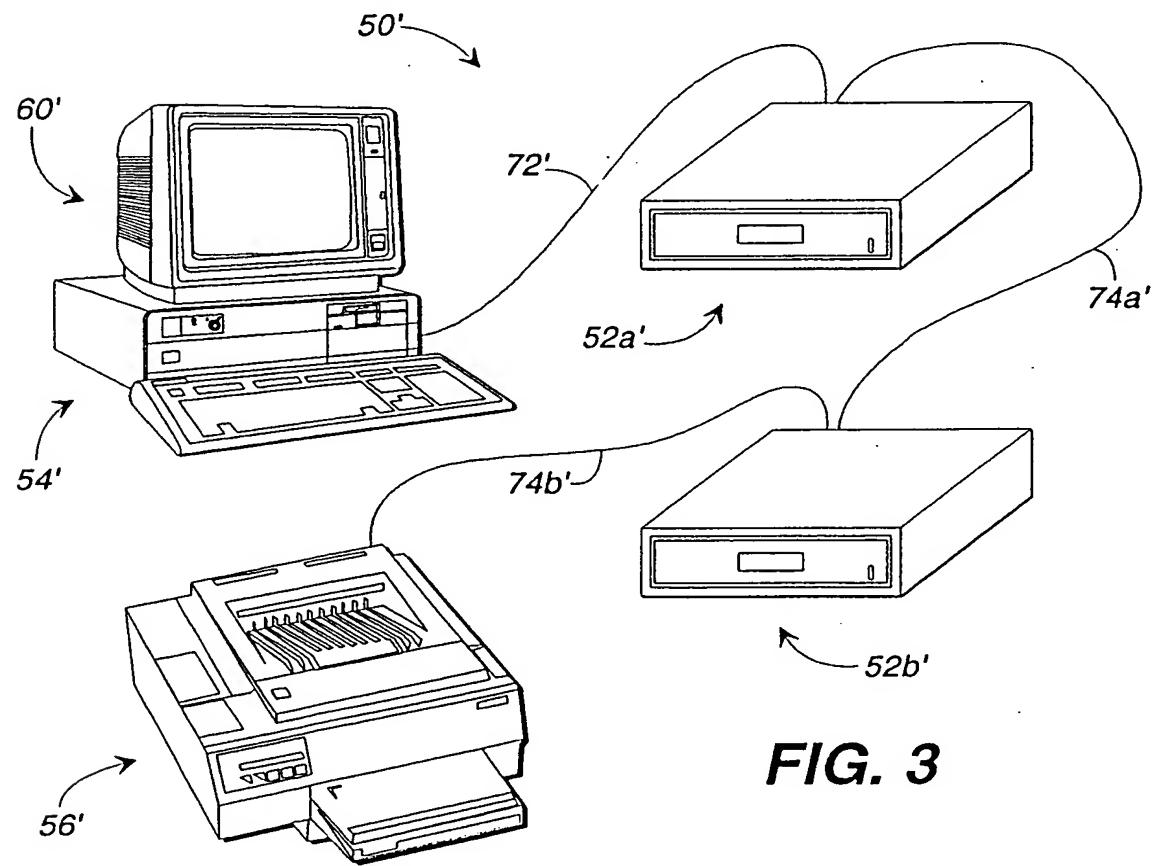
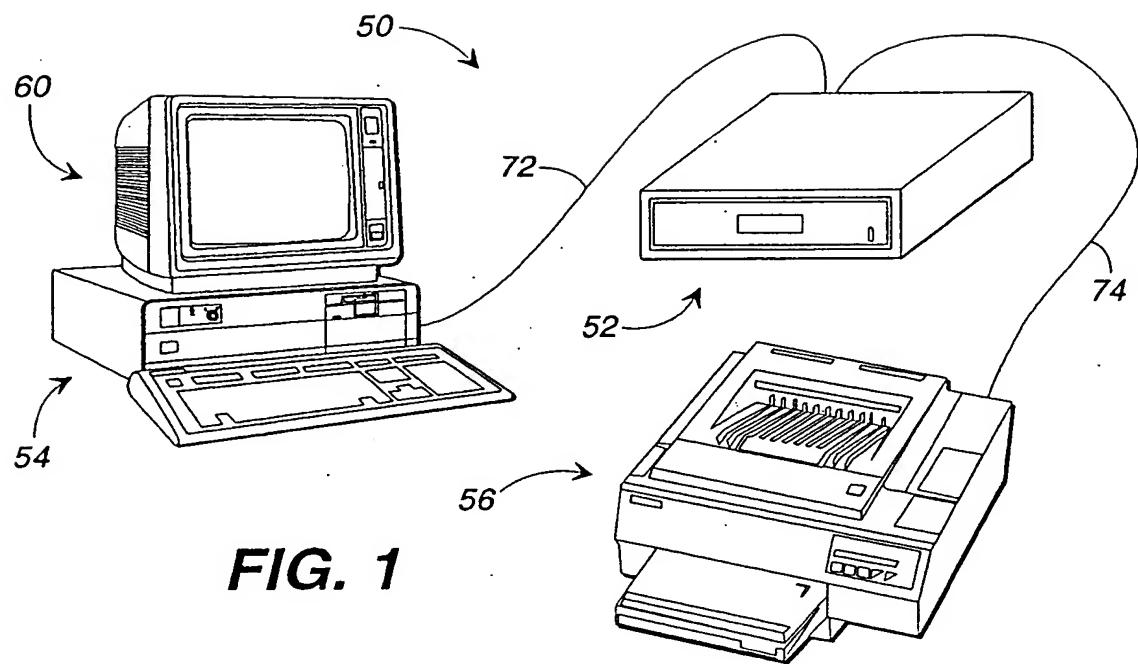
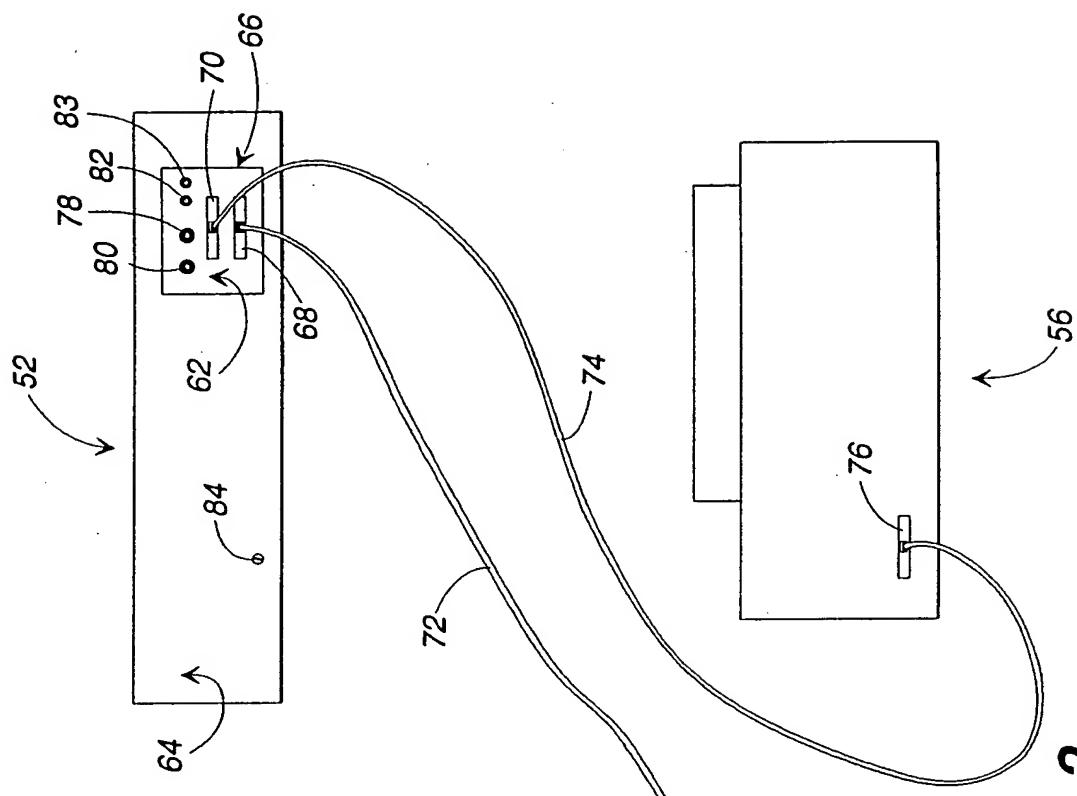
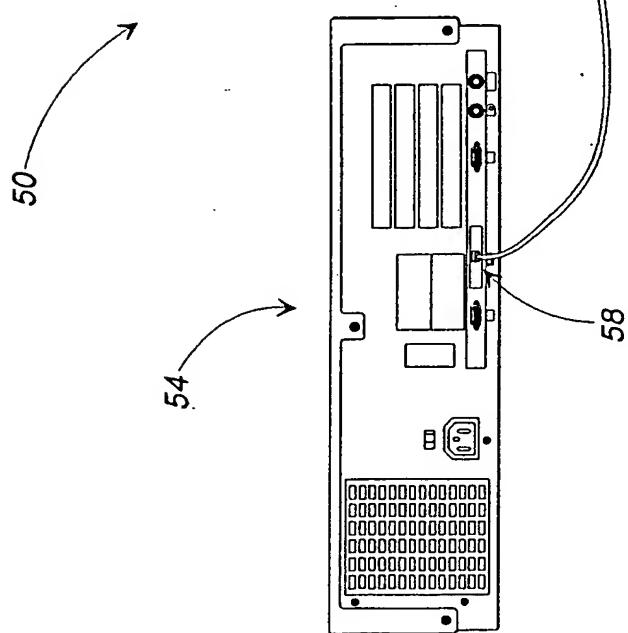


FIG. 2



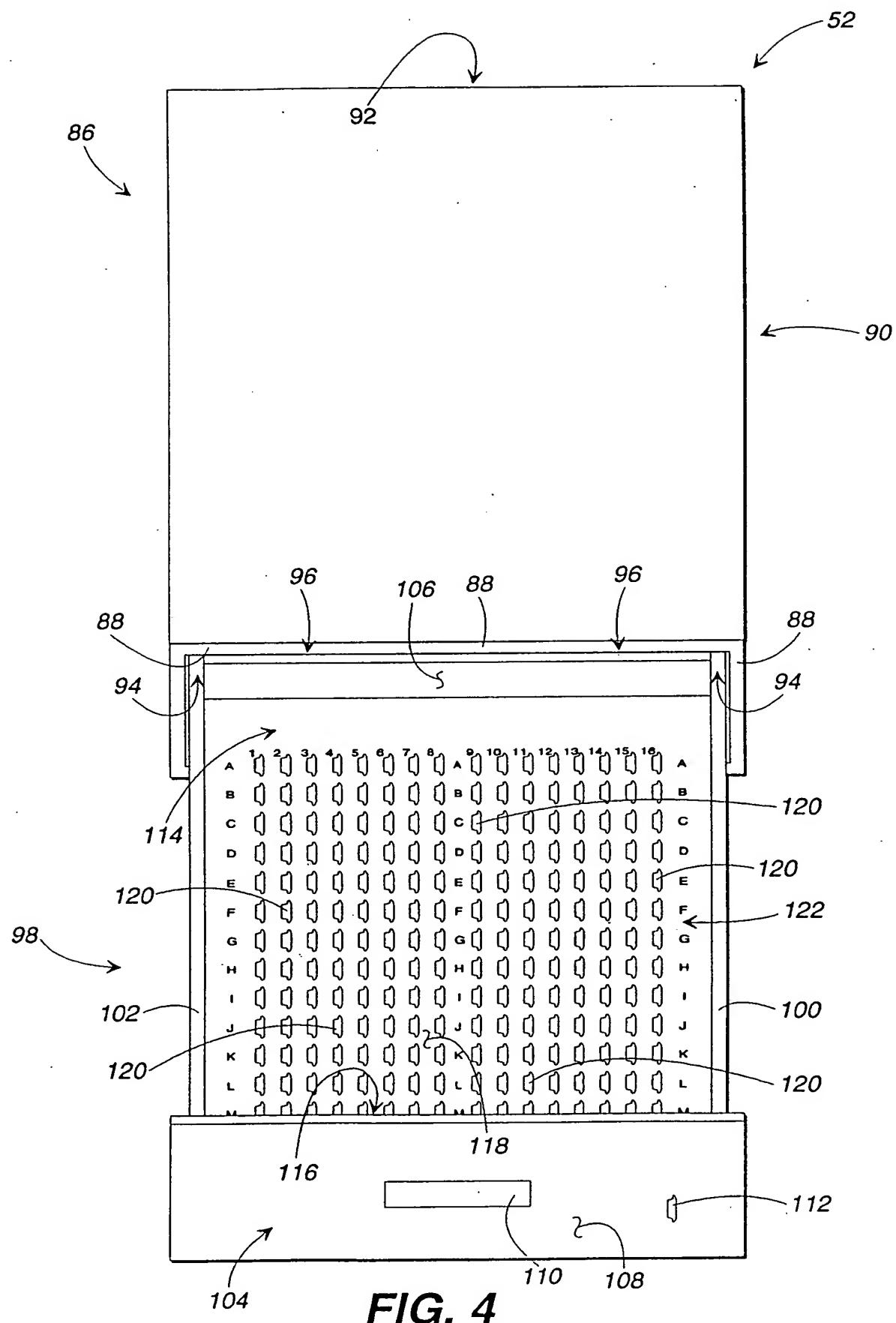
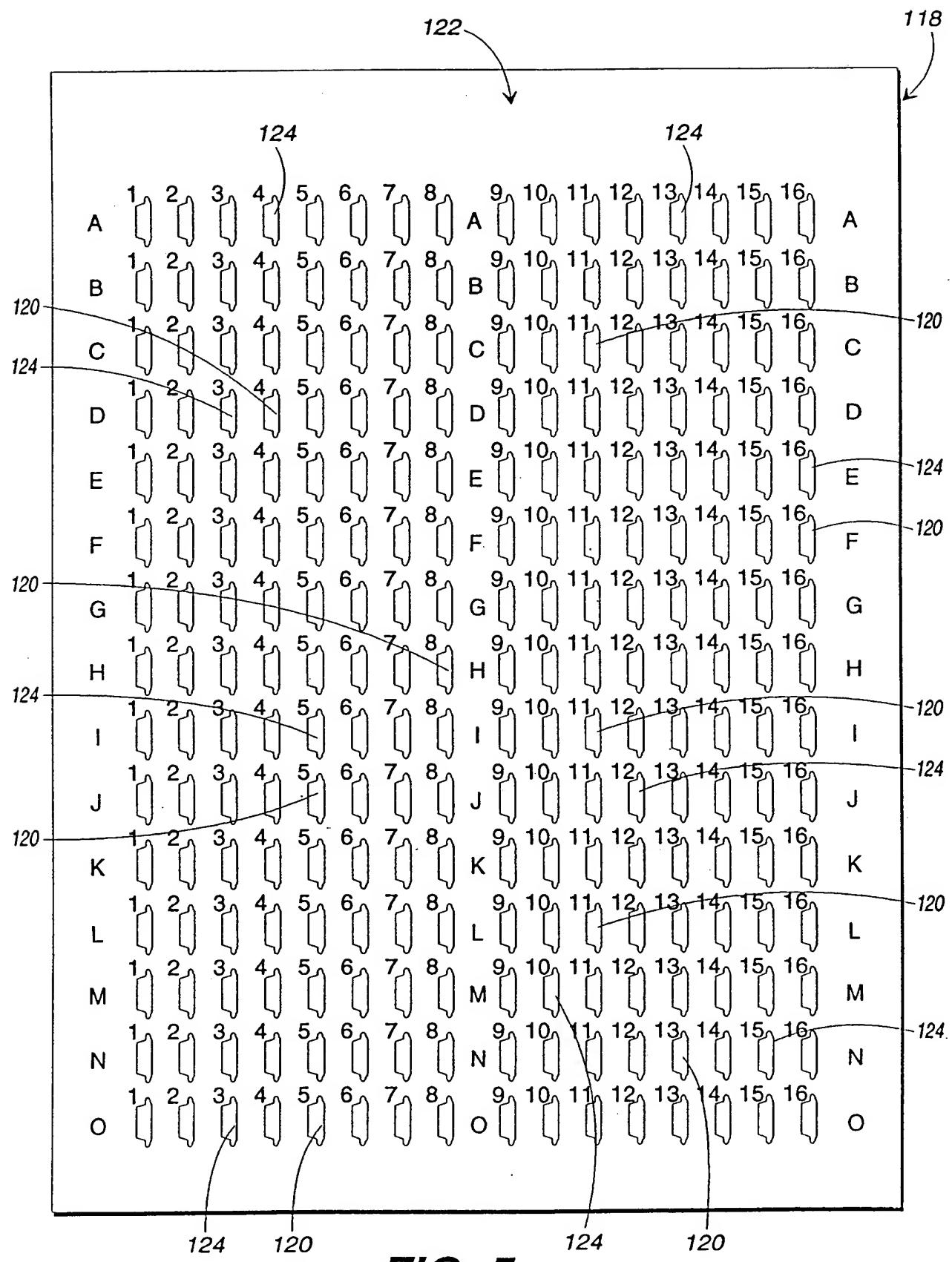


FIG. 4



**FIG. 5**

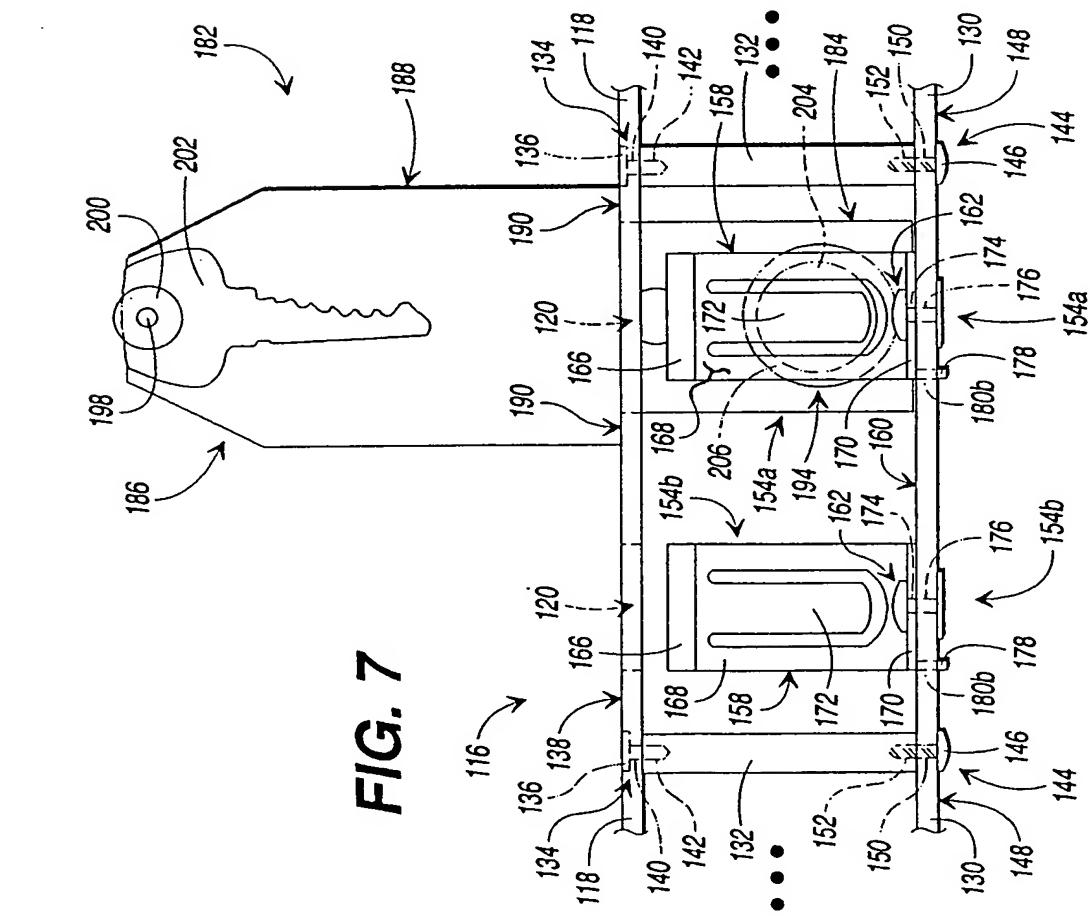
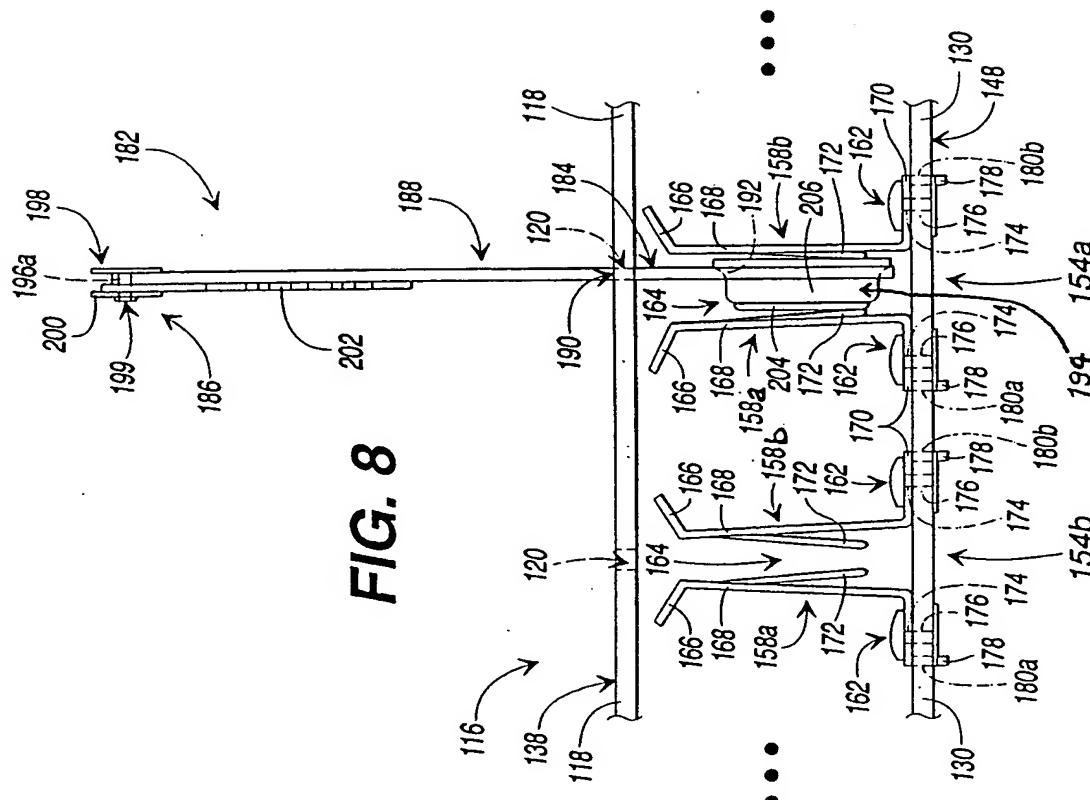
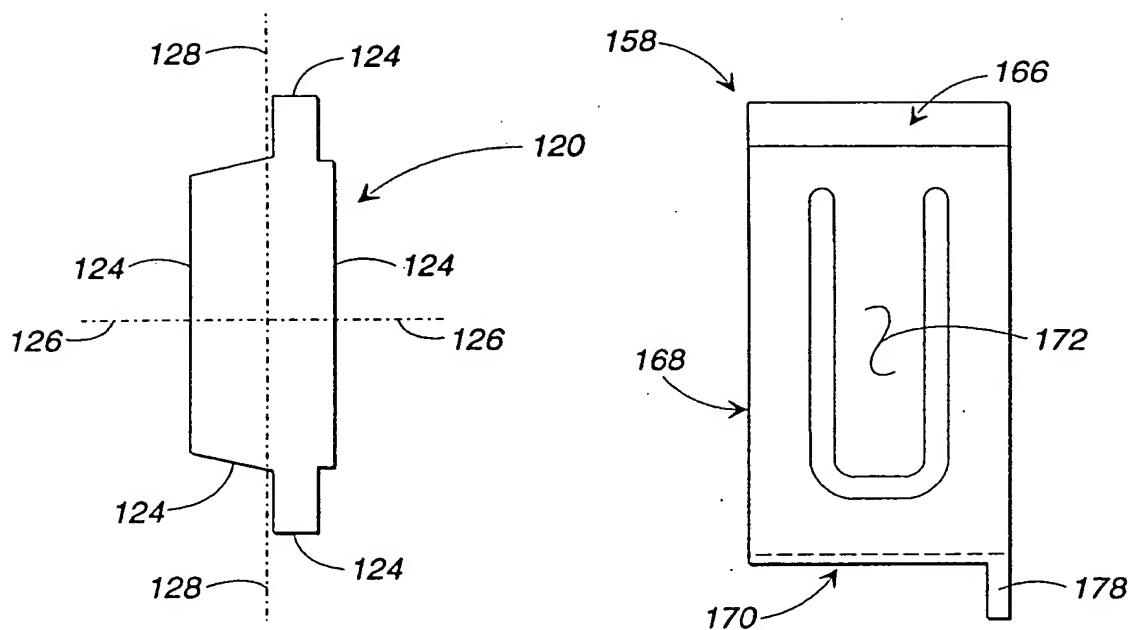


FIG. 7

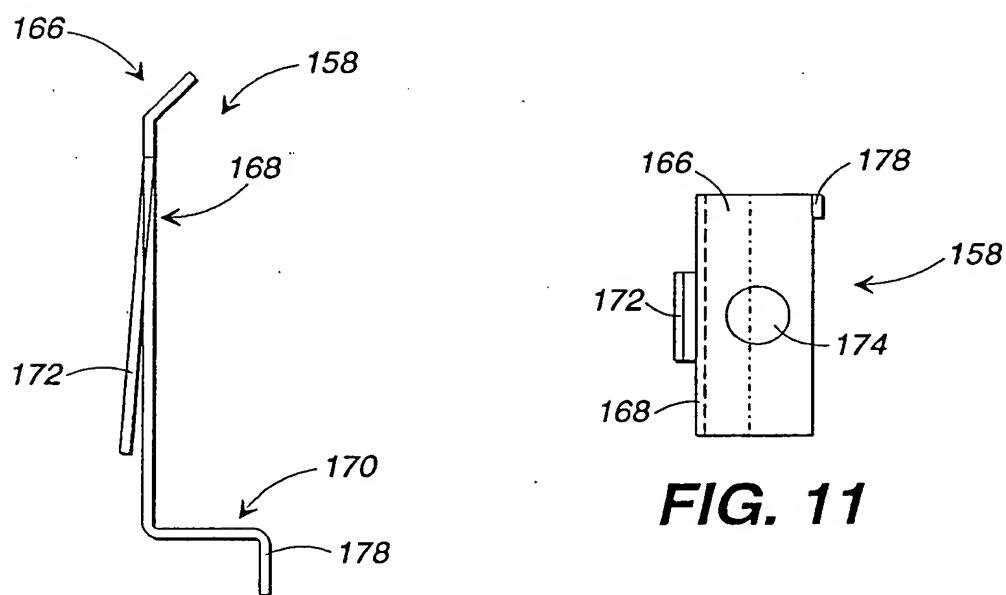


## FIG. 8



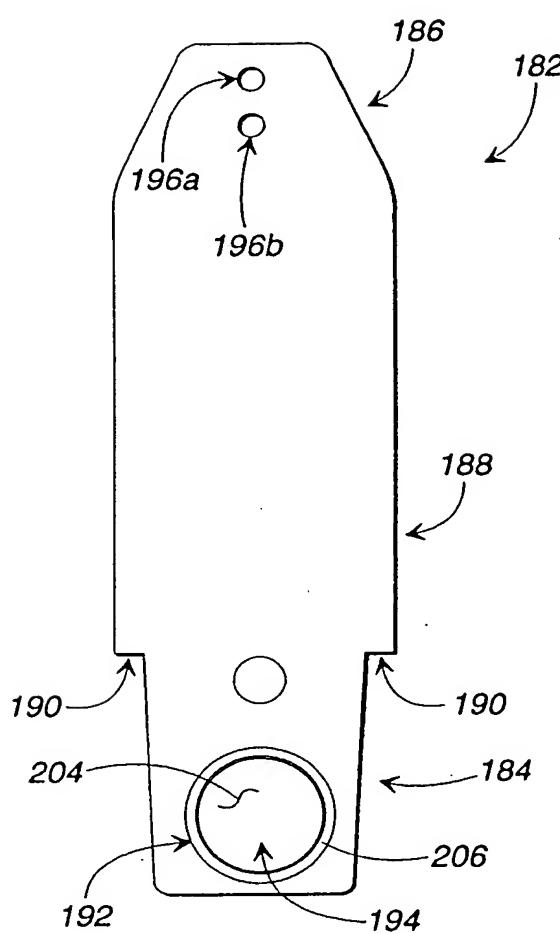
**FIG. 6**

**FIG. 9**

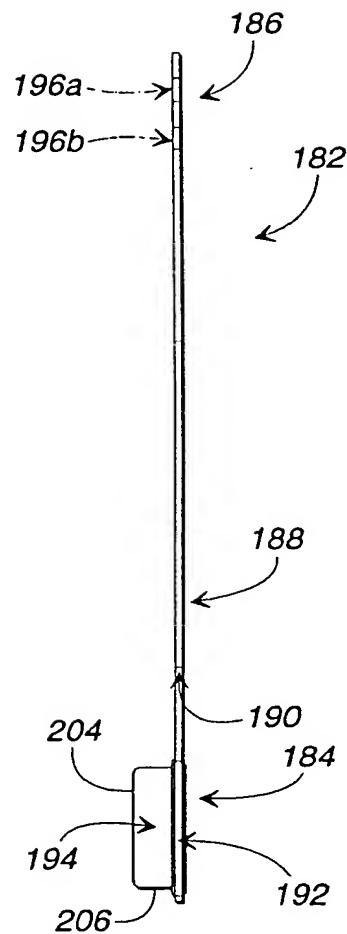


**FIG. 10**

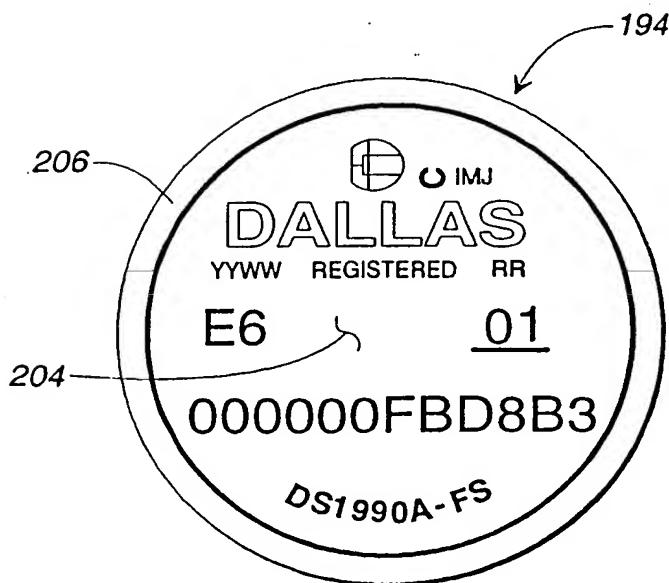
**FIG. 11**



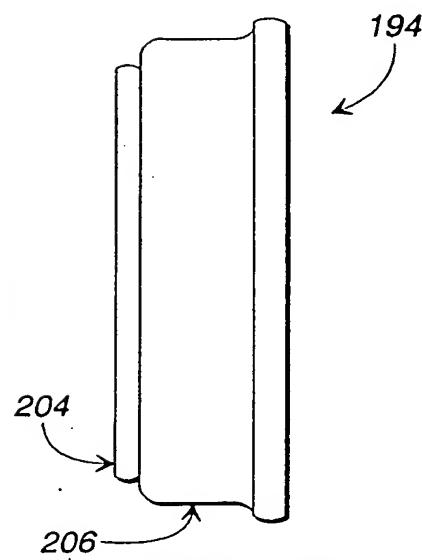
**FIG. 12**



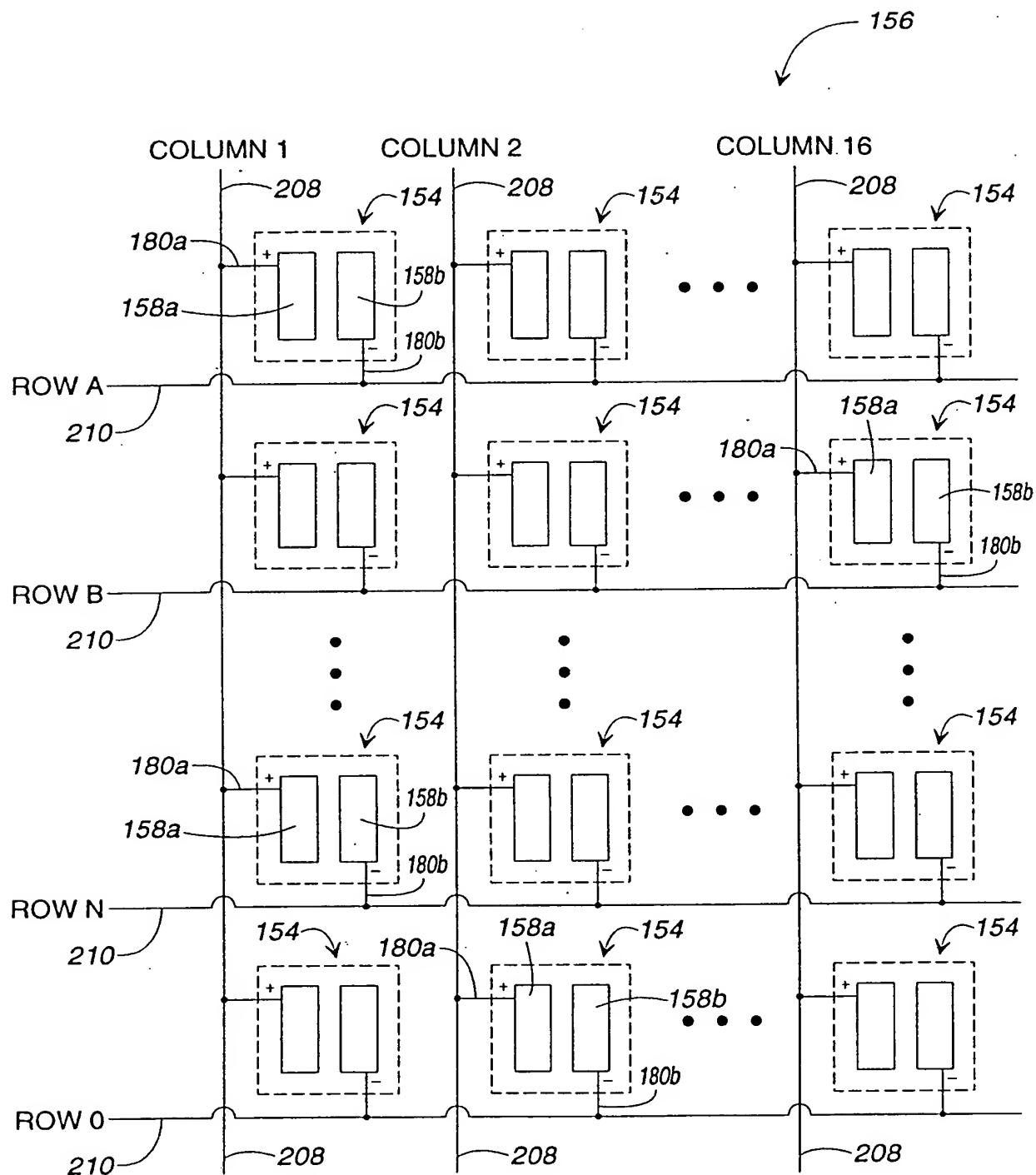
**FIG. 13**



**FIG. 14**



**FIG. 15**



**FIG. 16**

156

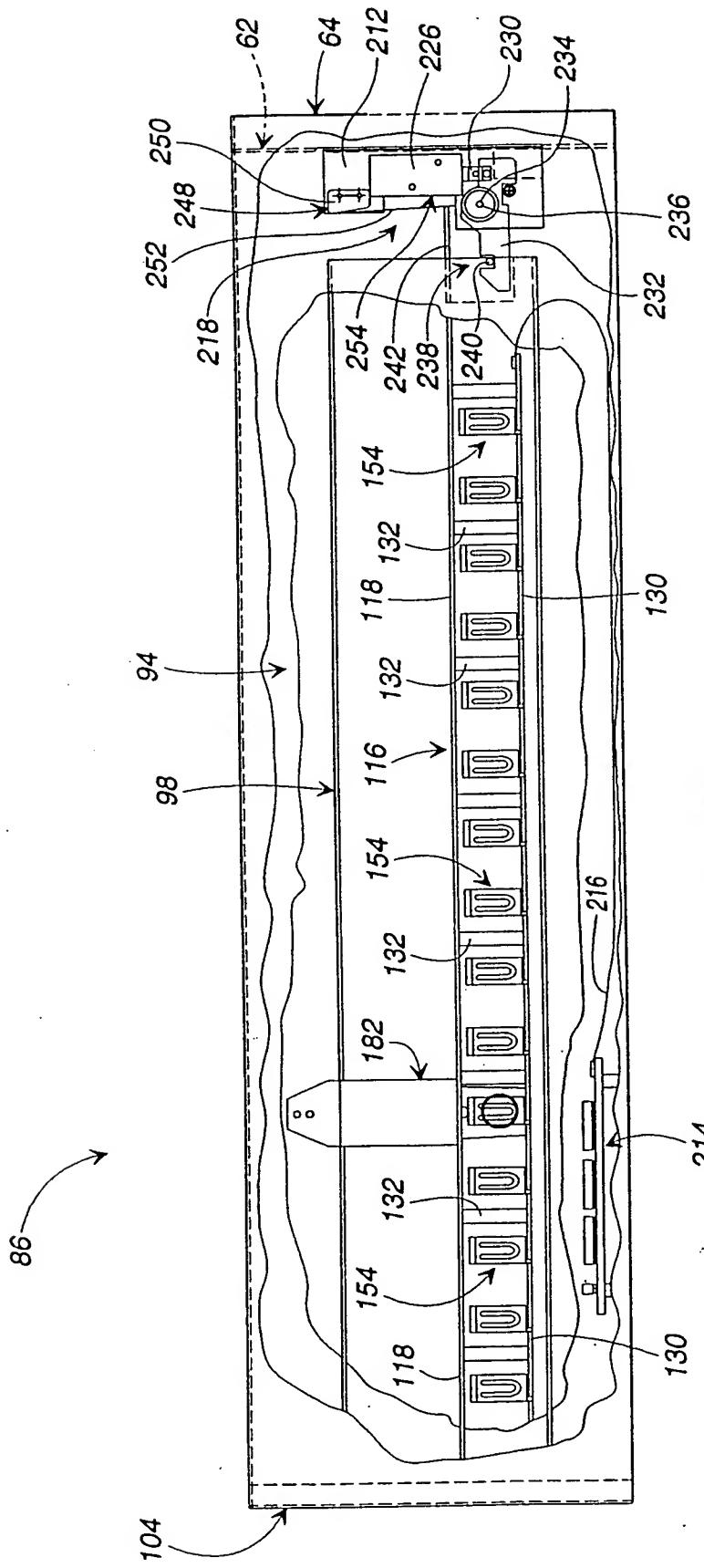


FIG. 17

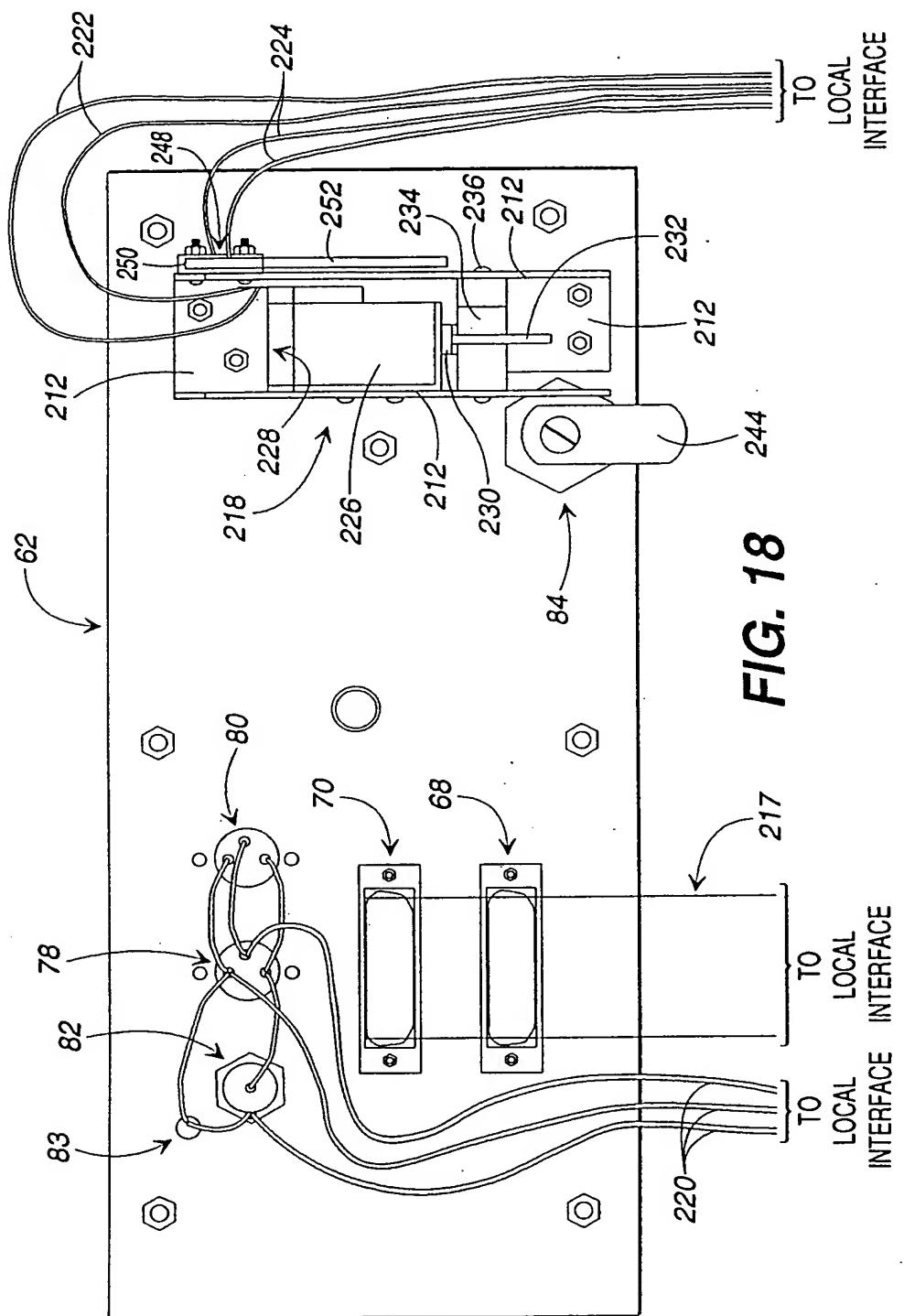


FIG. 18

MATCH LINE TO FIG. 19B

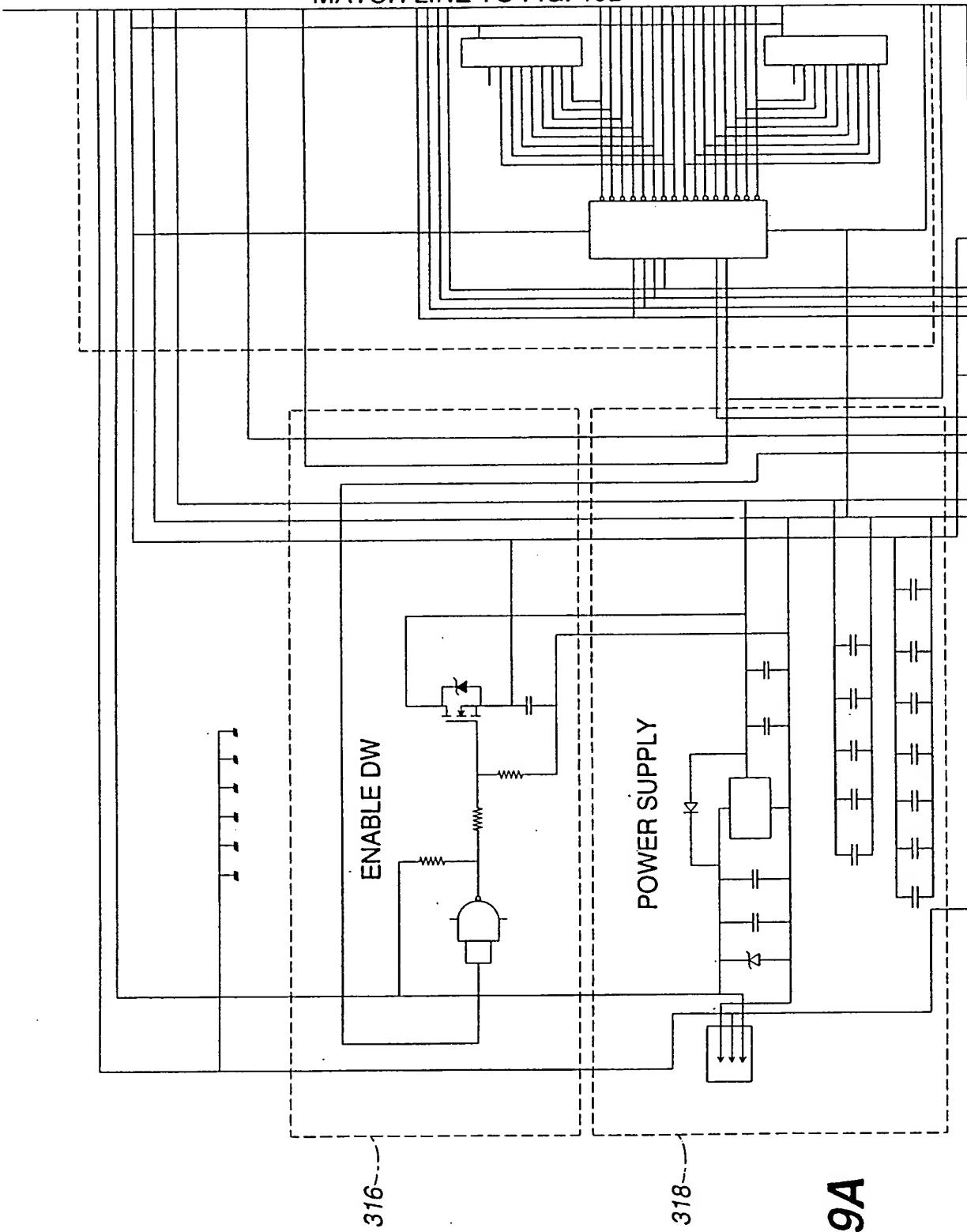
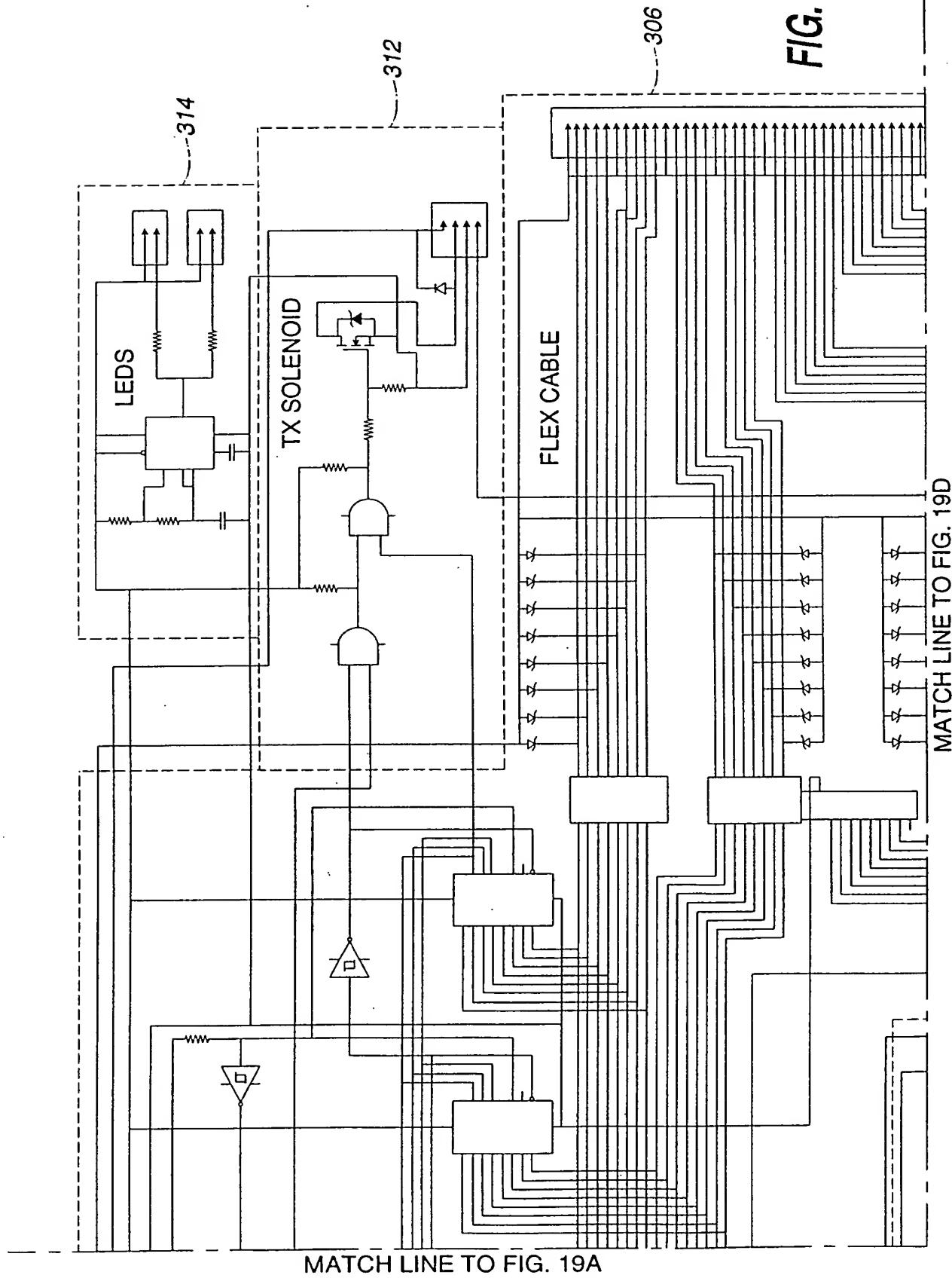
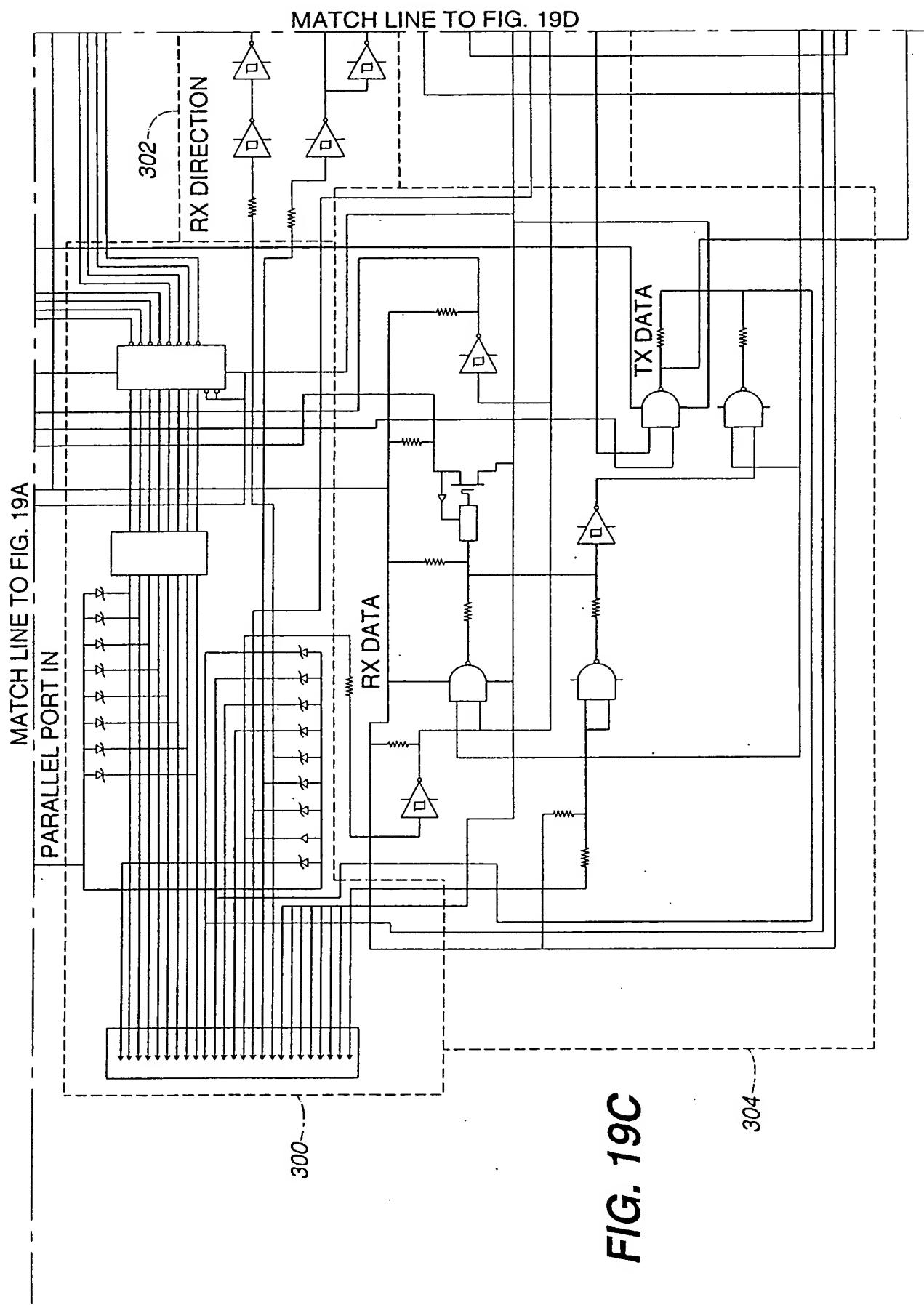


FIG. 19A

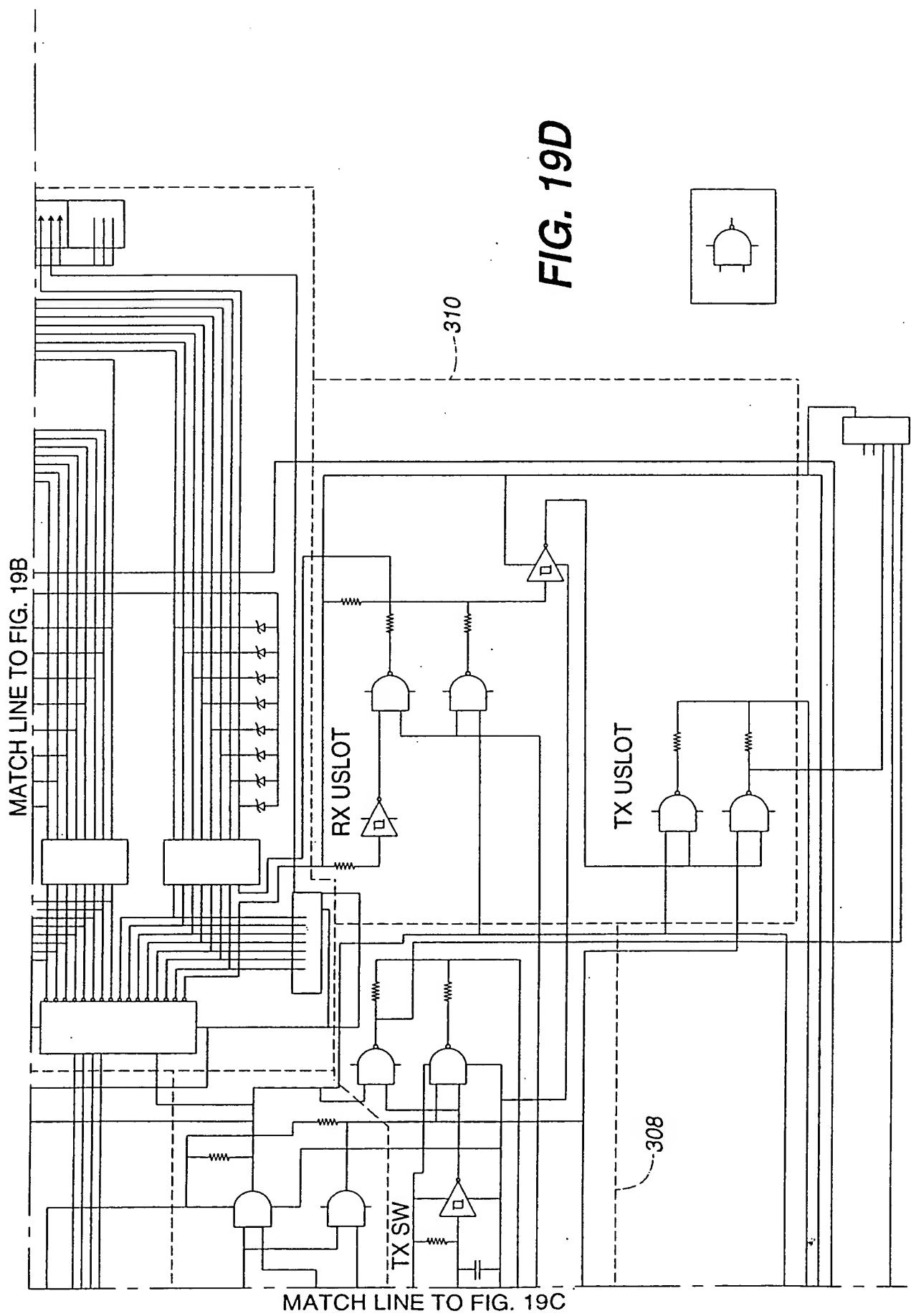
MATCH LINE TO FIG. 19C

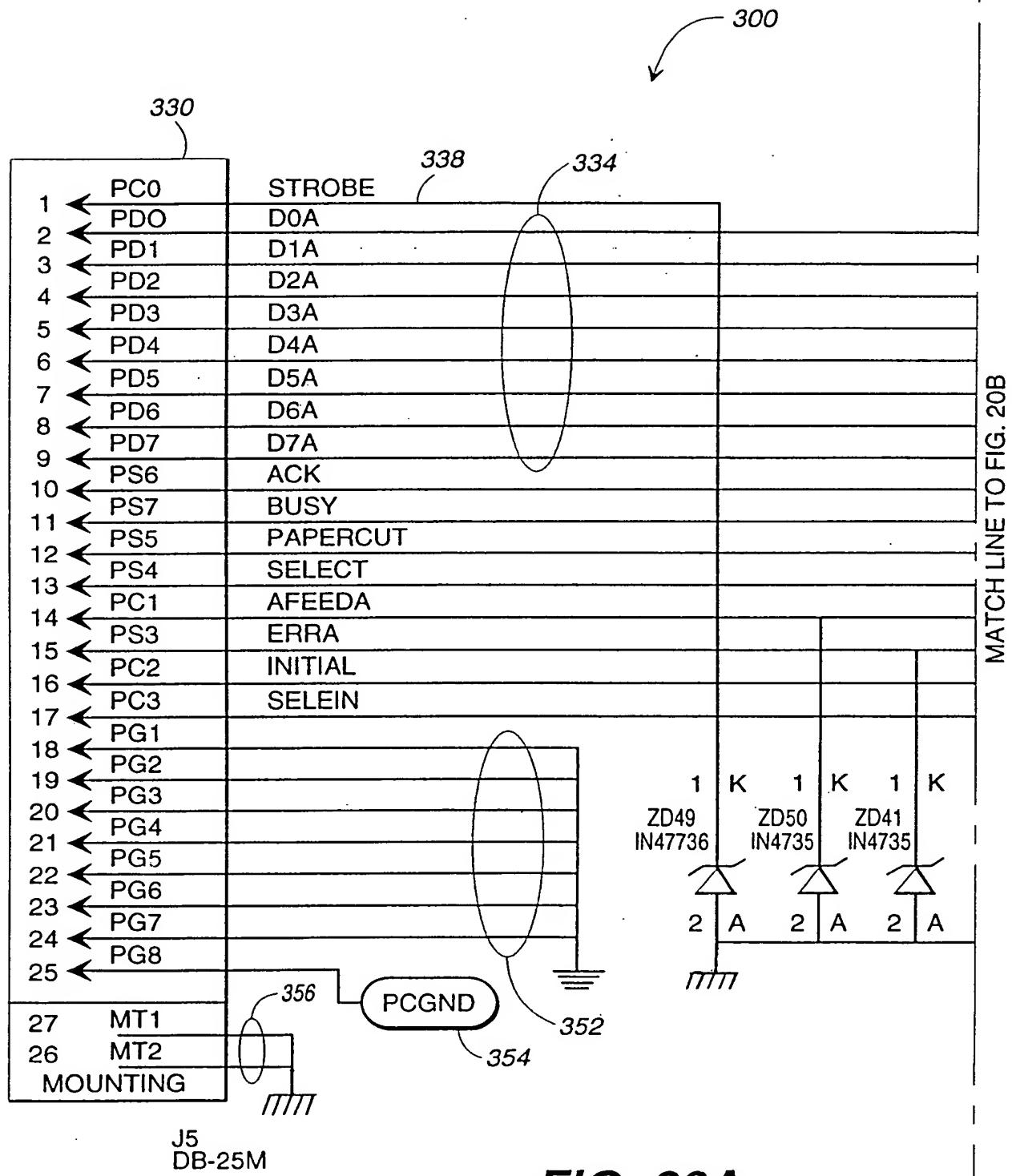
FIG. 19B





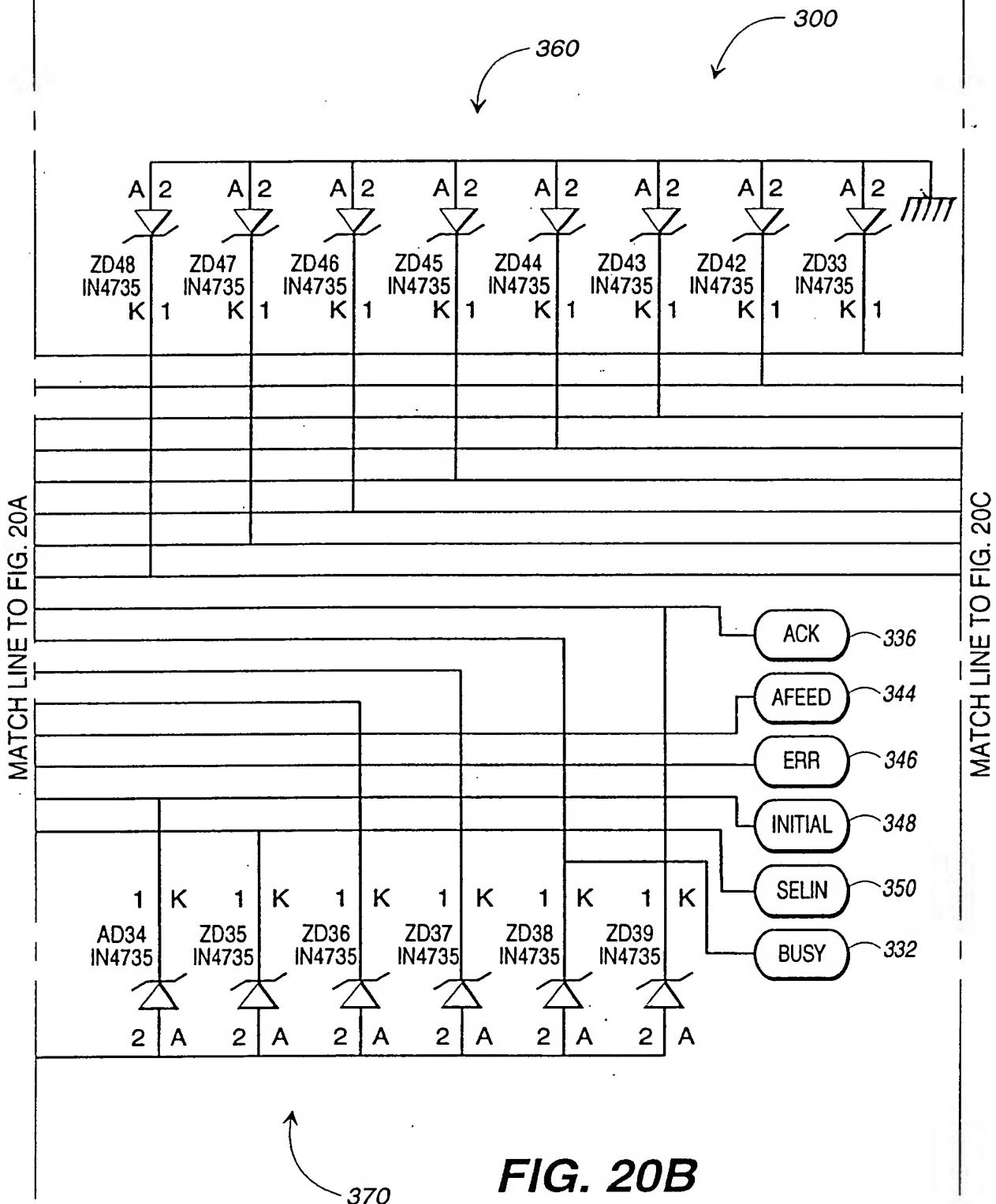
**FIG. 19D**

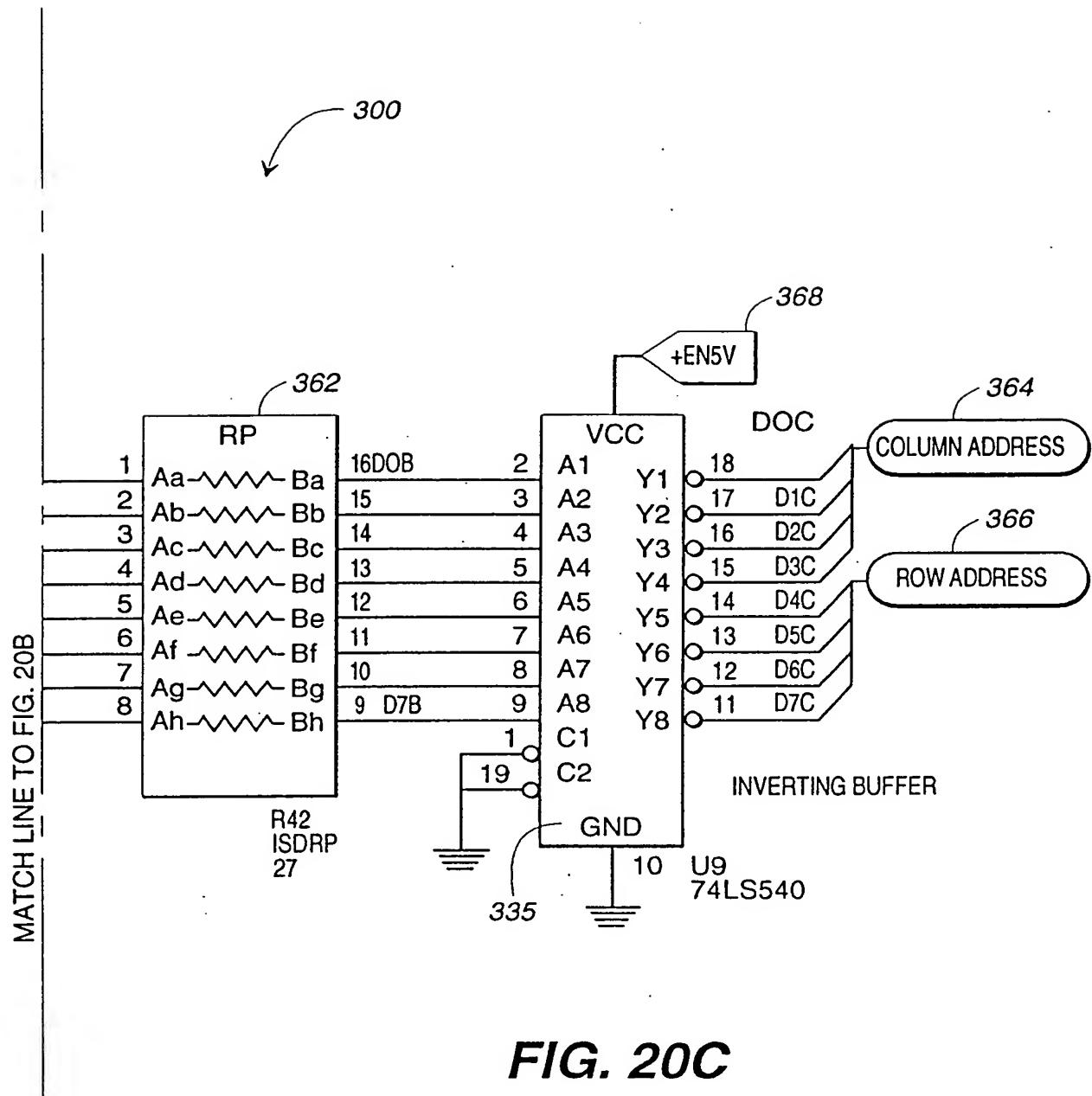




**FIG. 20A**

MATCH LINE TO FIG. 20B





**FIG. 20C**

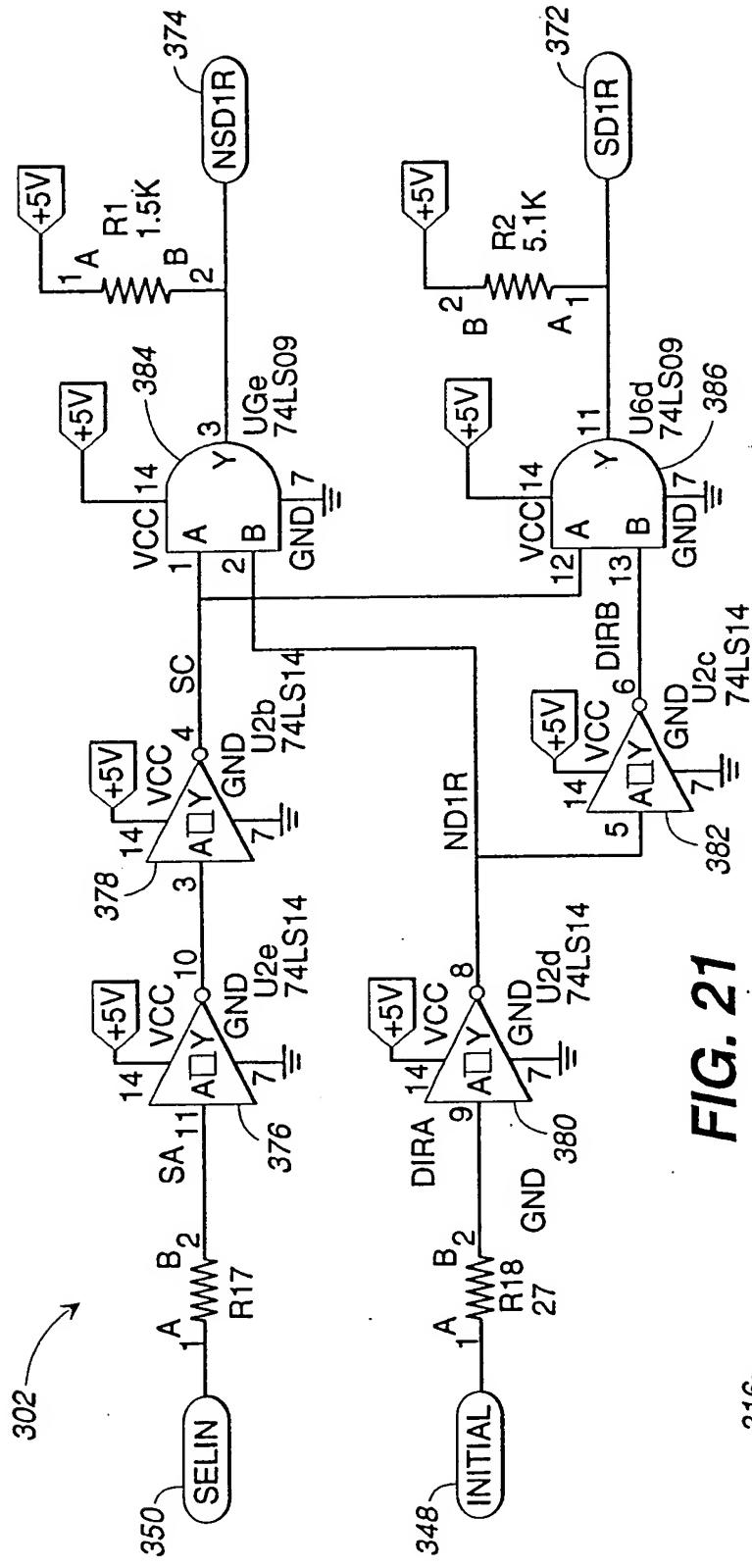


FIG. 21

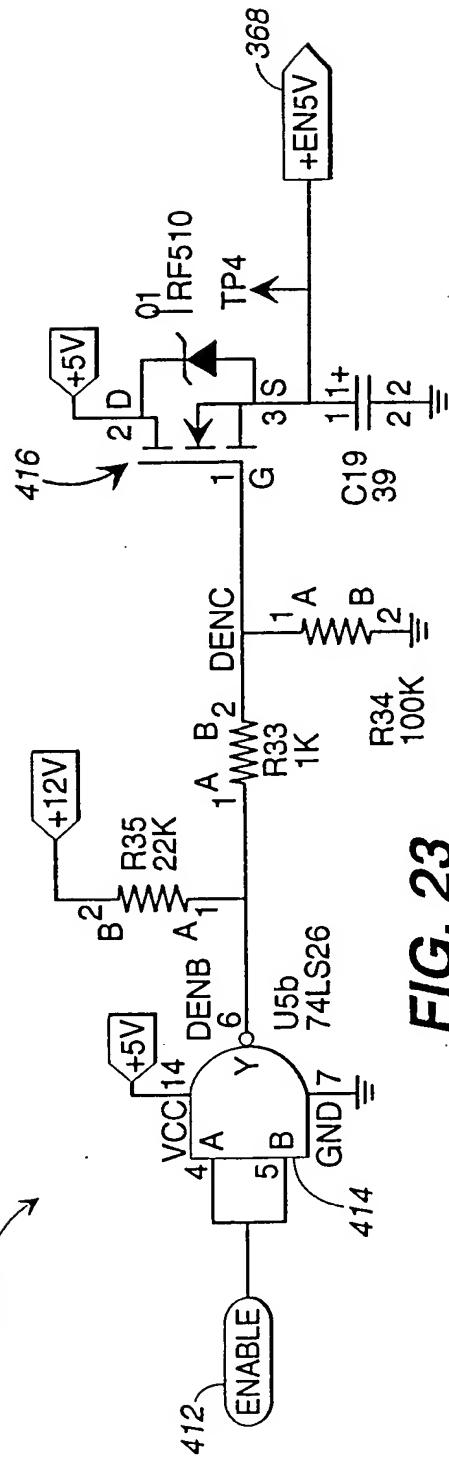
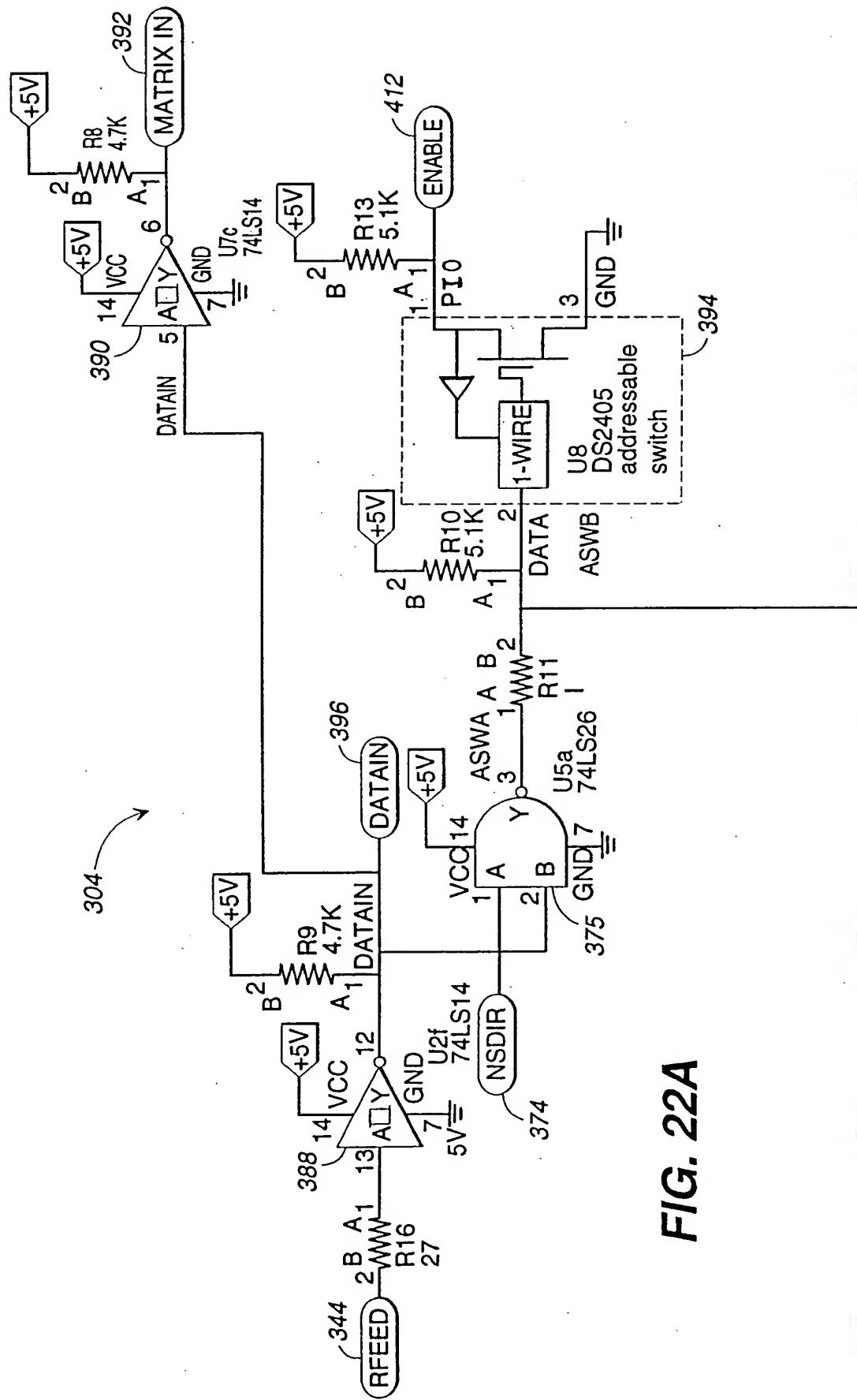


FIG. 23



MATCH LINE TO FIG. 22B

MATCH LINE TO FIG. 22A

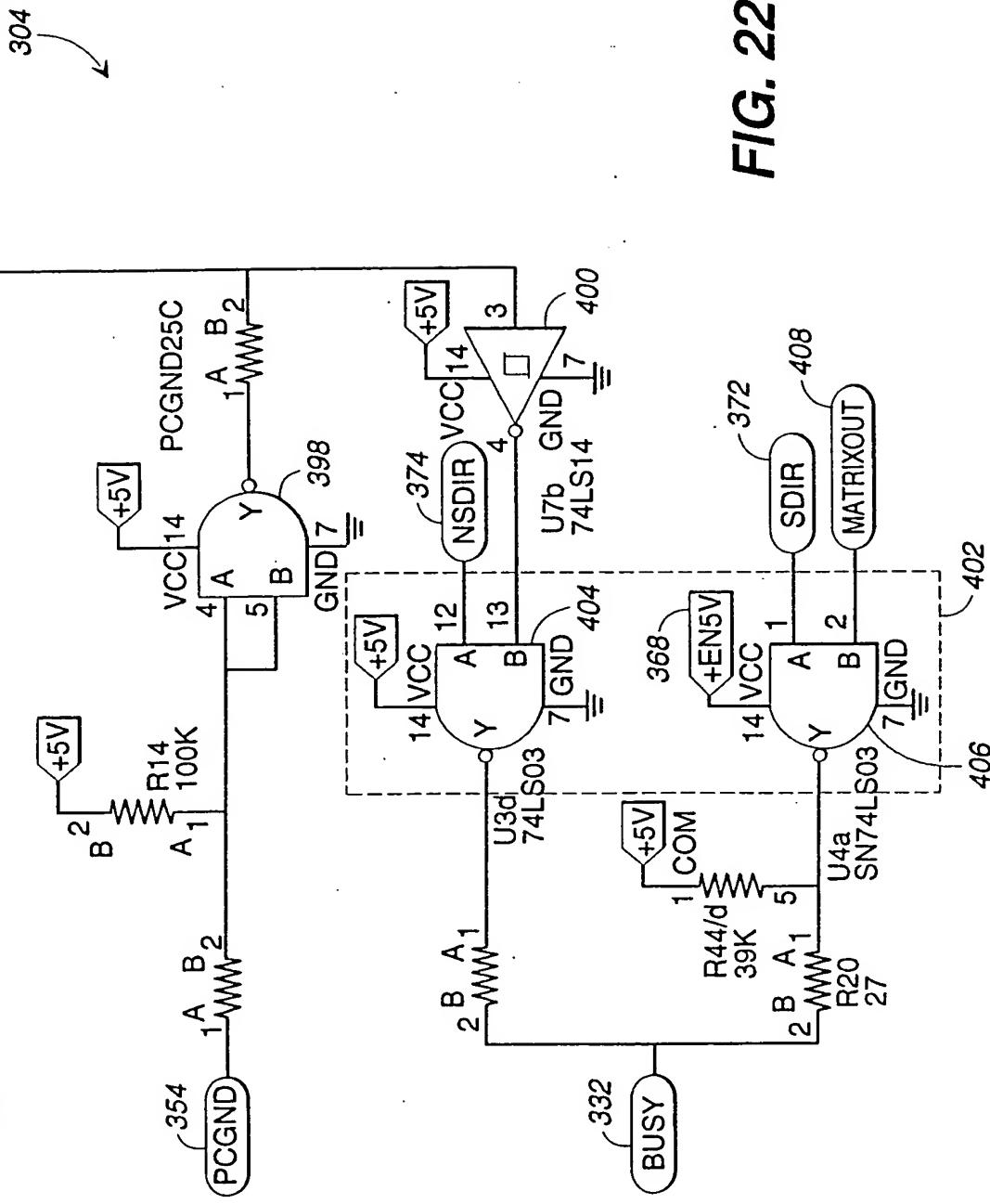
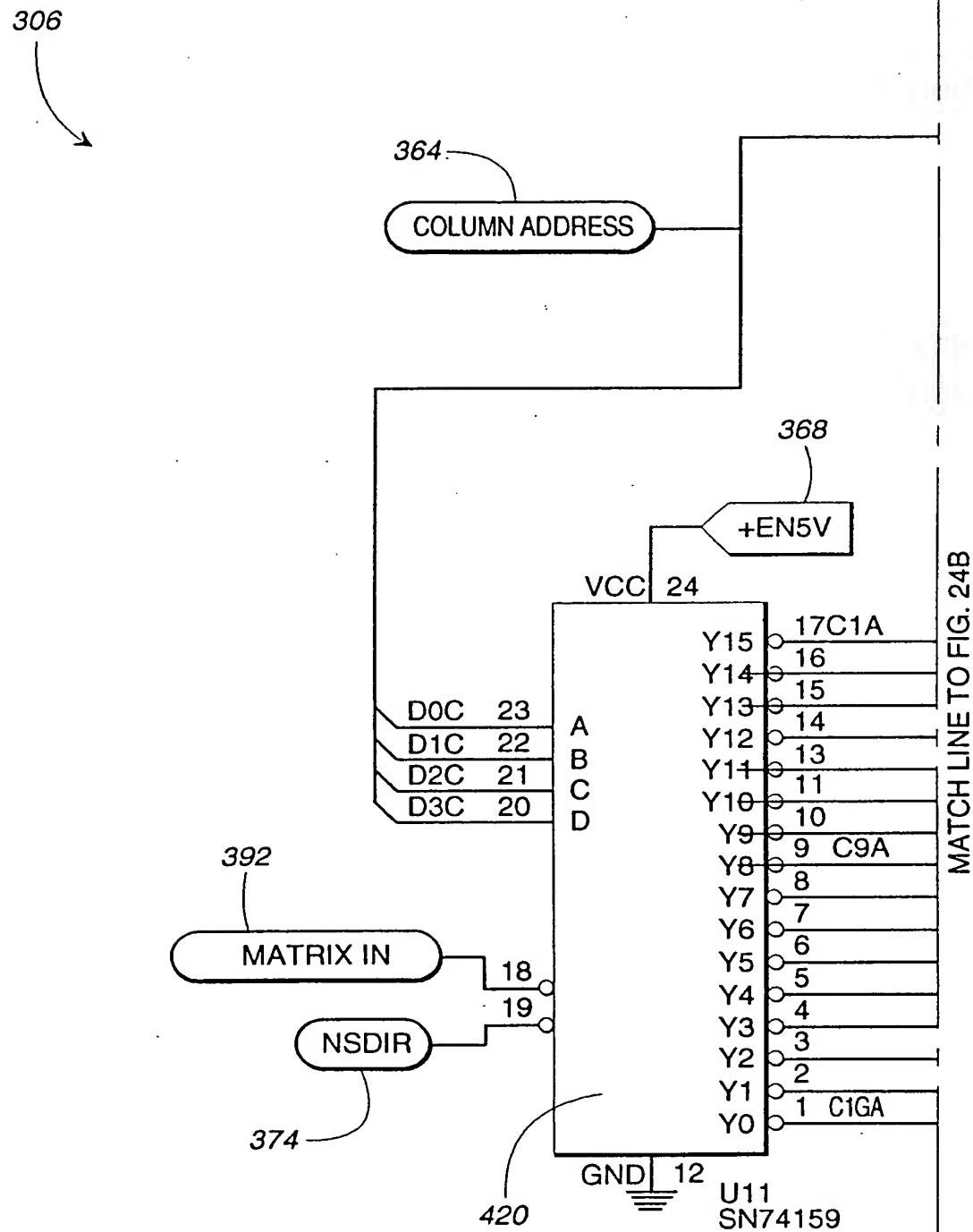
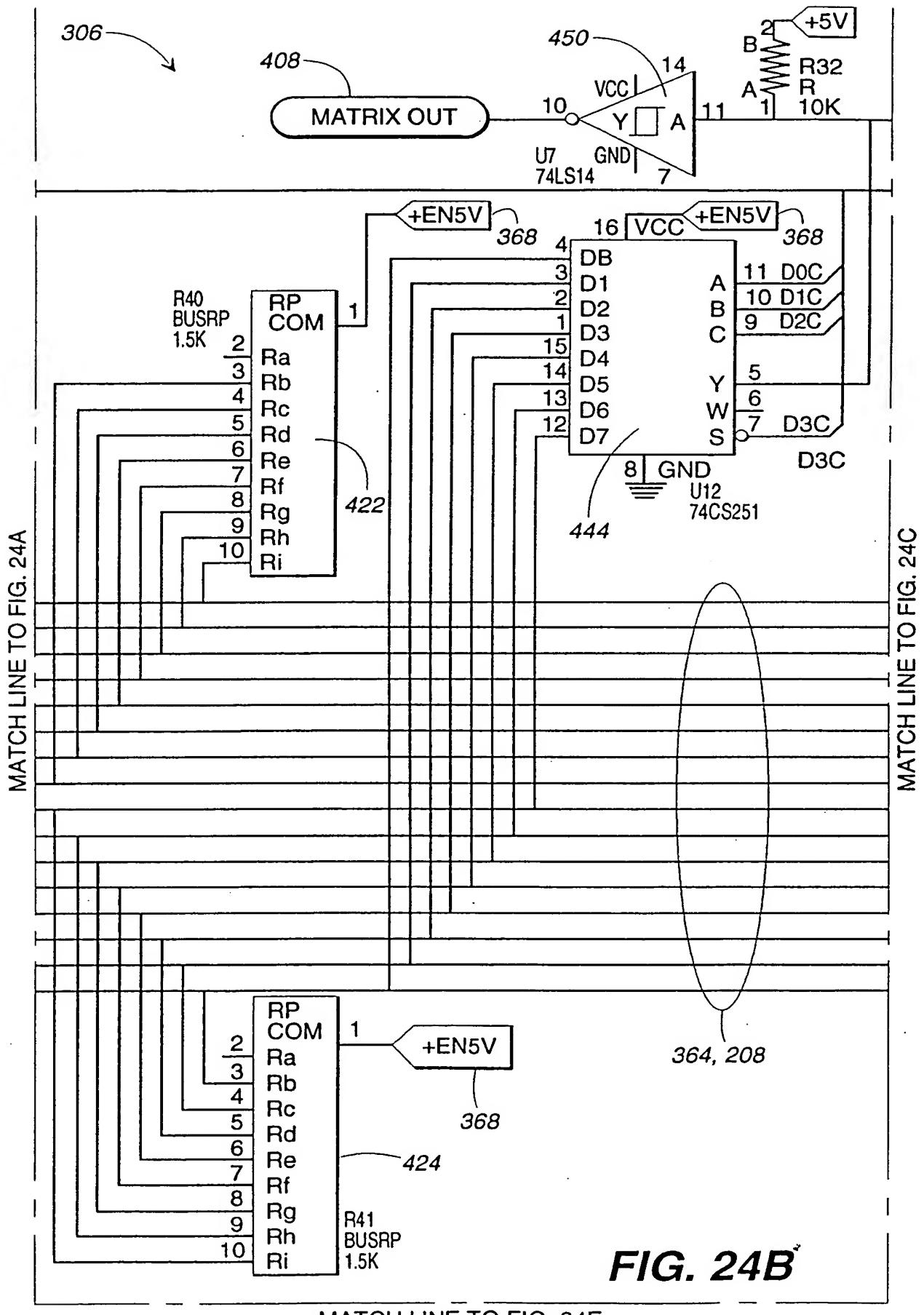
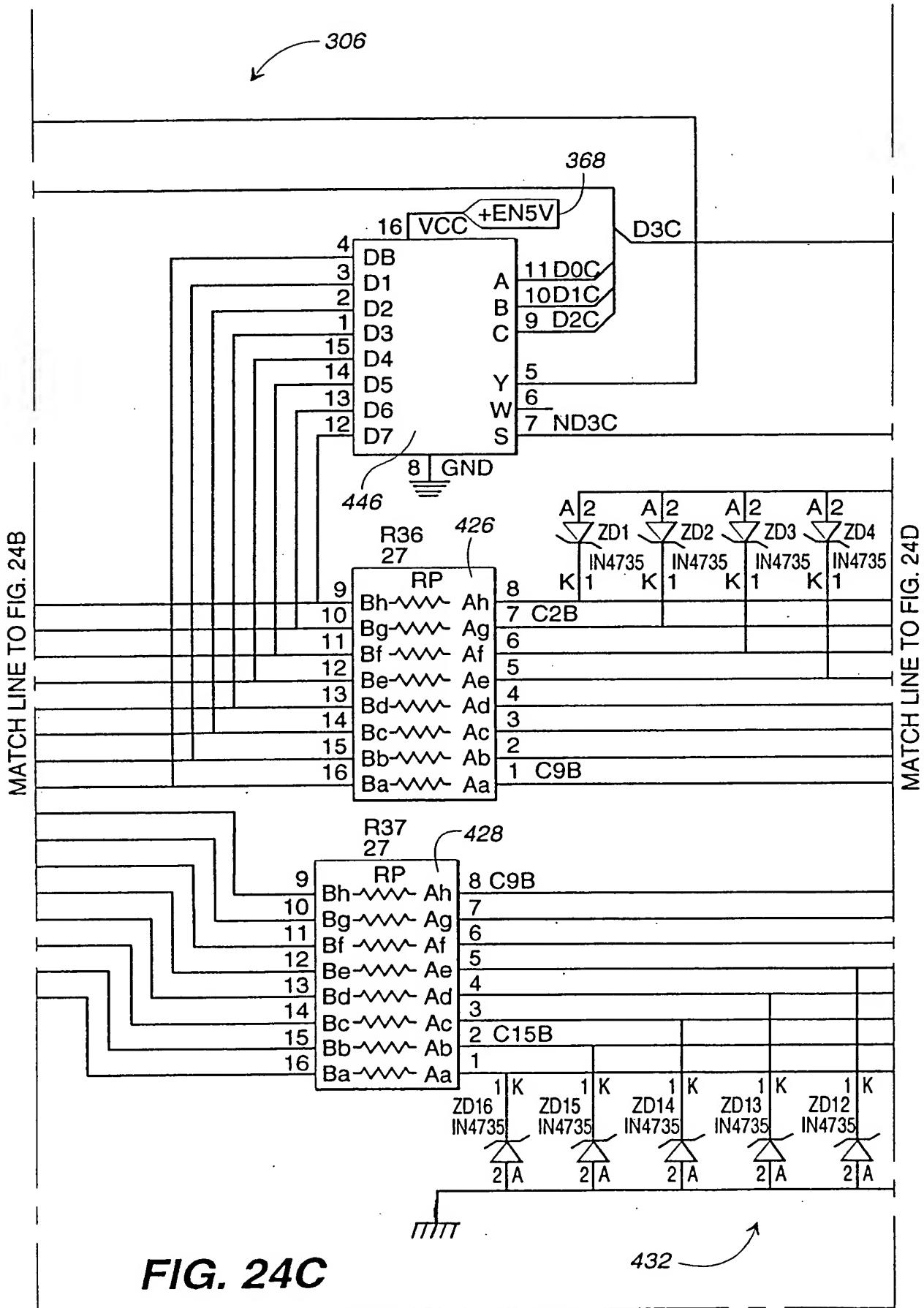


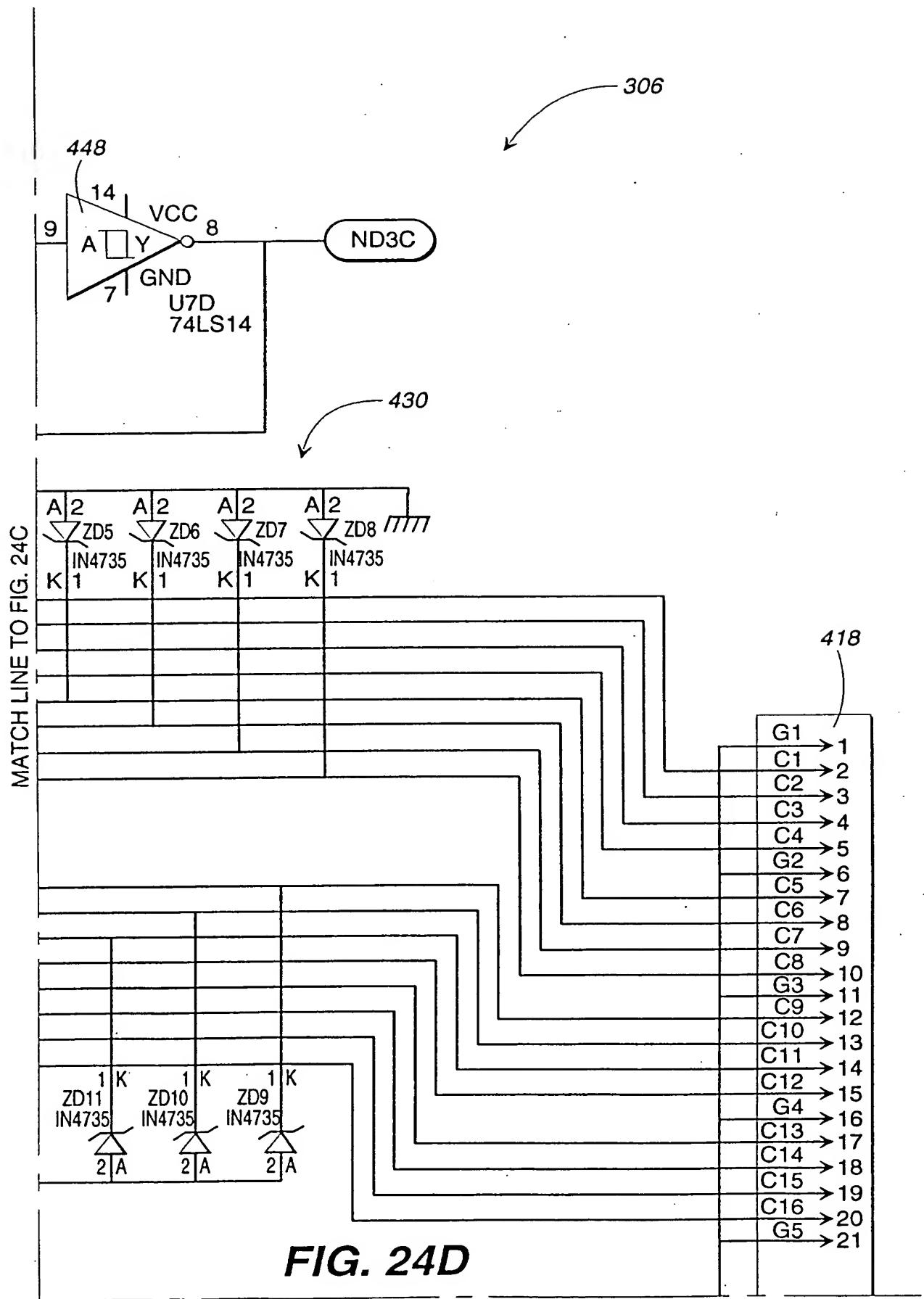
FIG. 22B



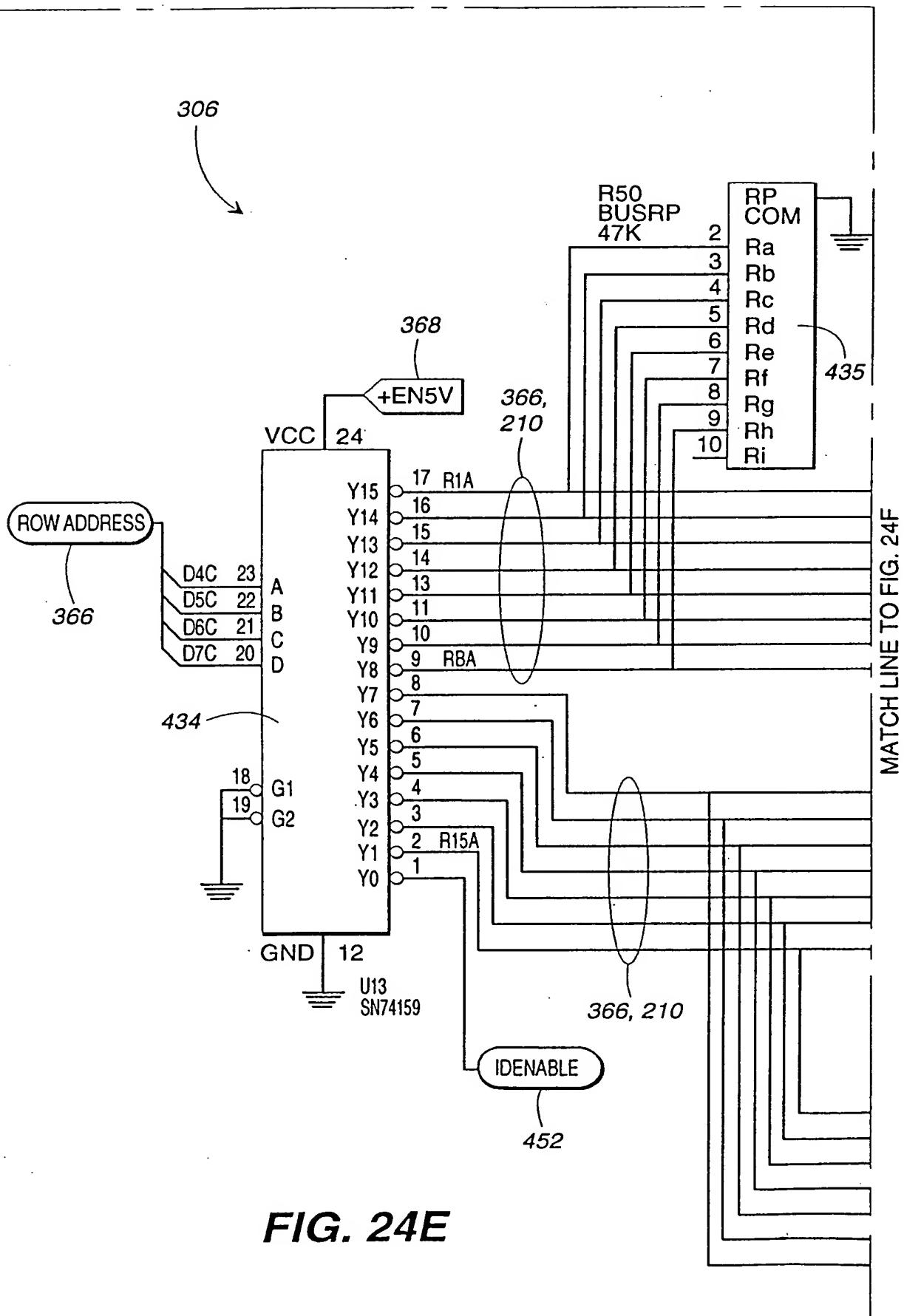
**FIG. 24A**



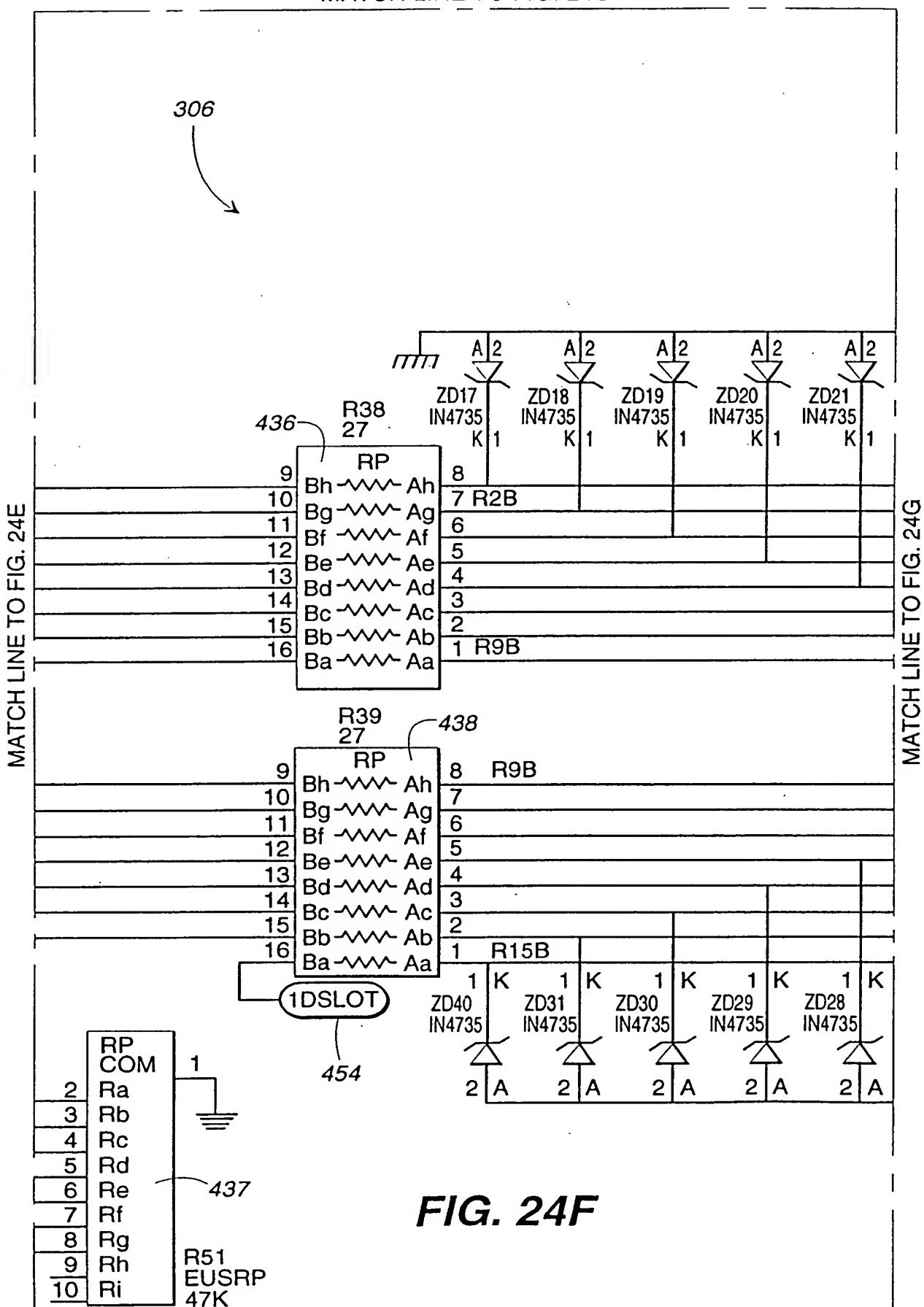




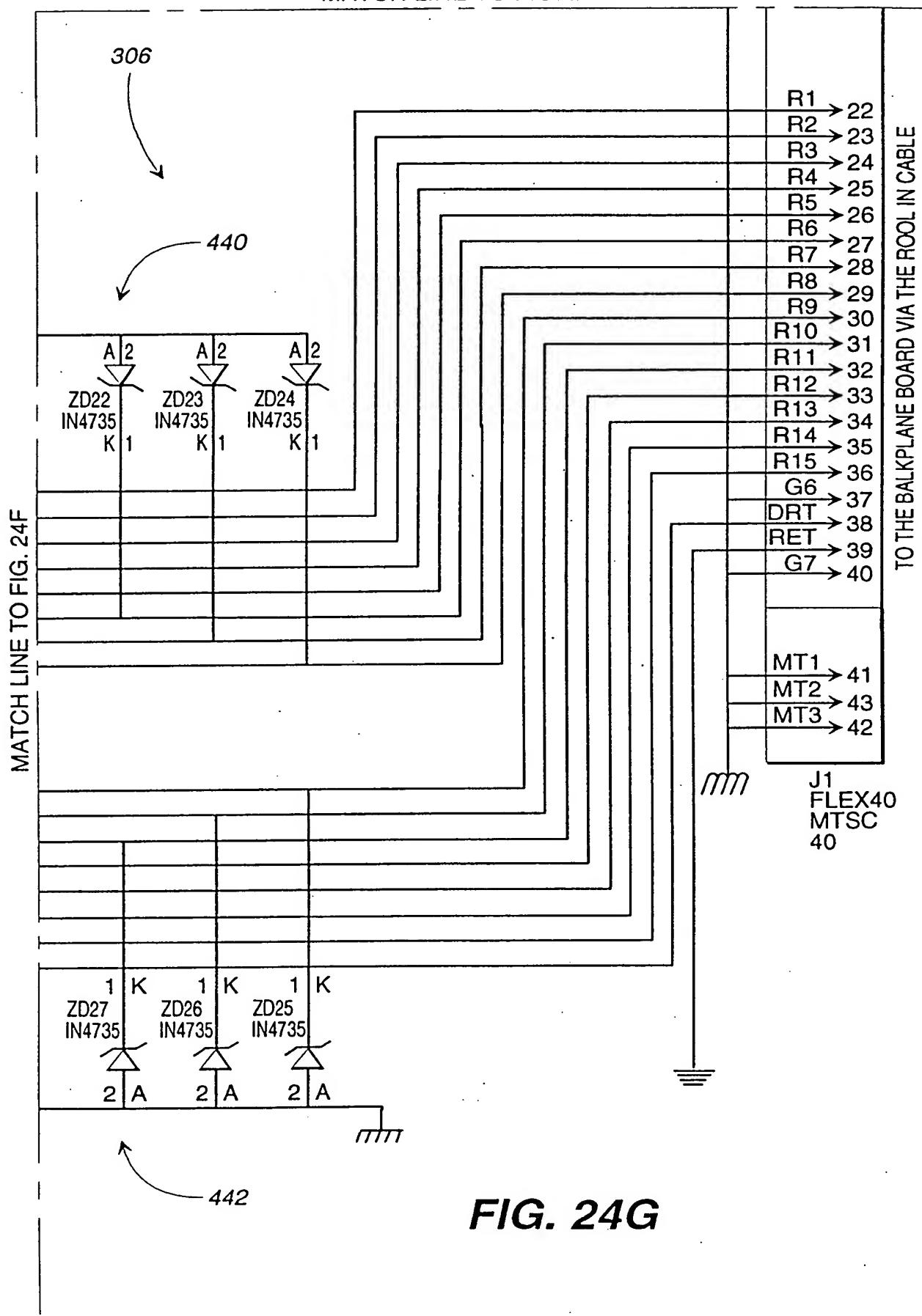
**MATCH LINE TO FIG. 24B**



MATCH LINE TO FIG. 24C



MATCH LINE TO FIG. 24D



**FIG. 24G**

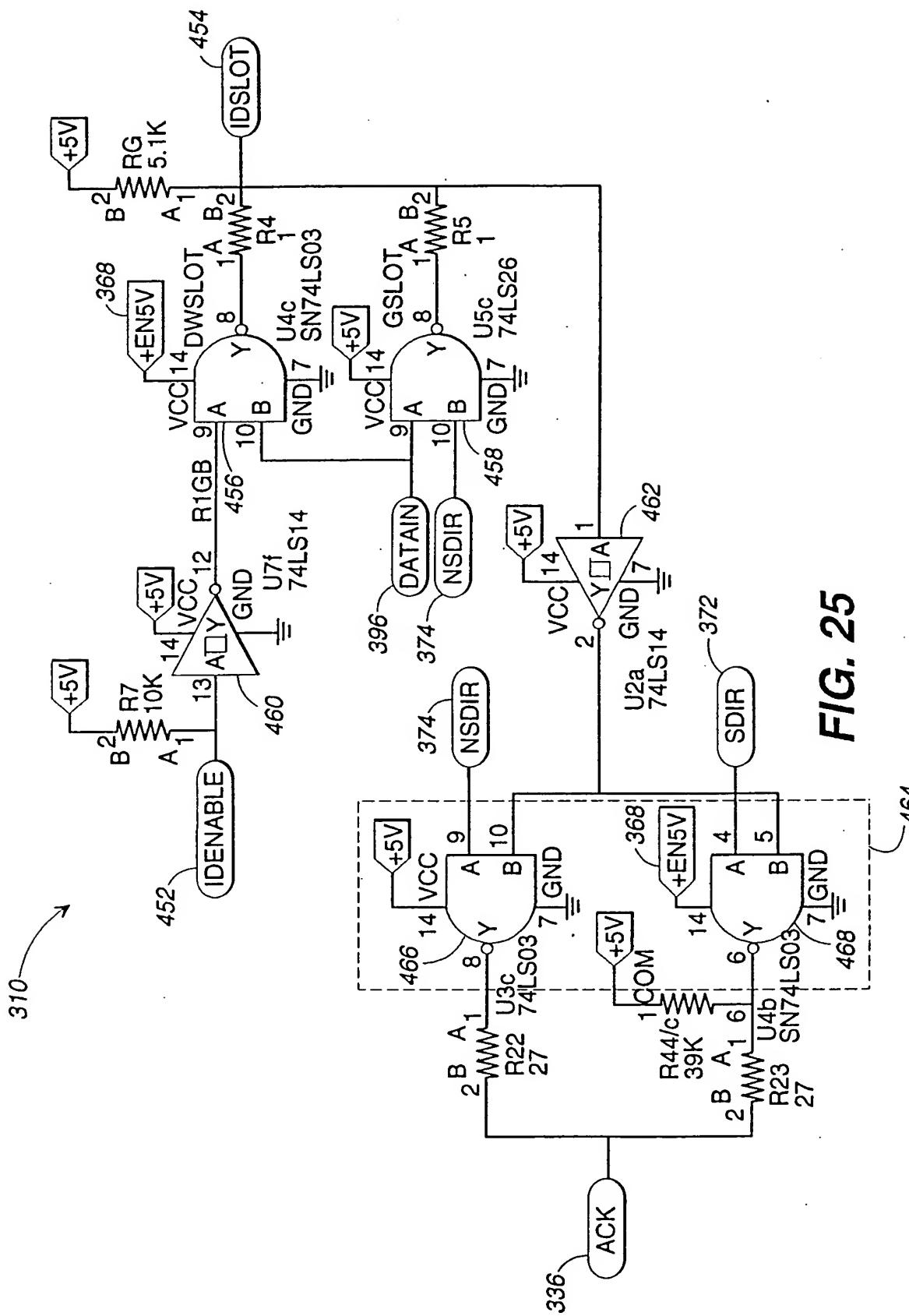


FIG. 25

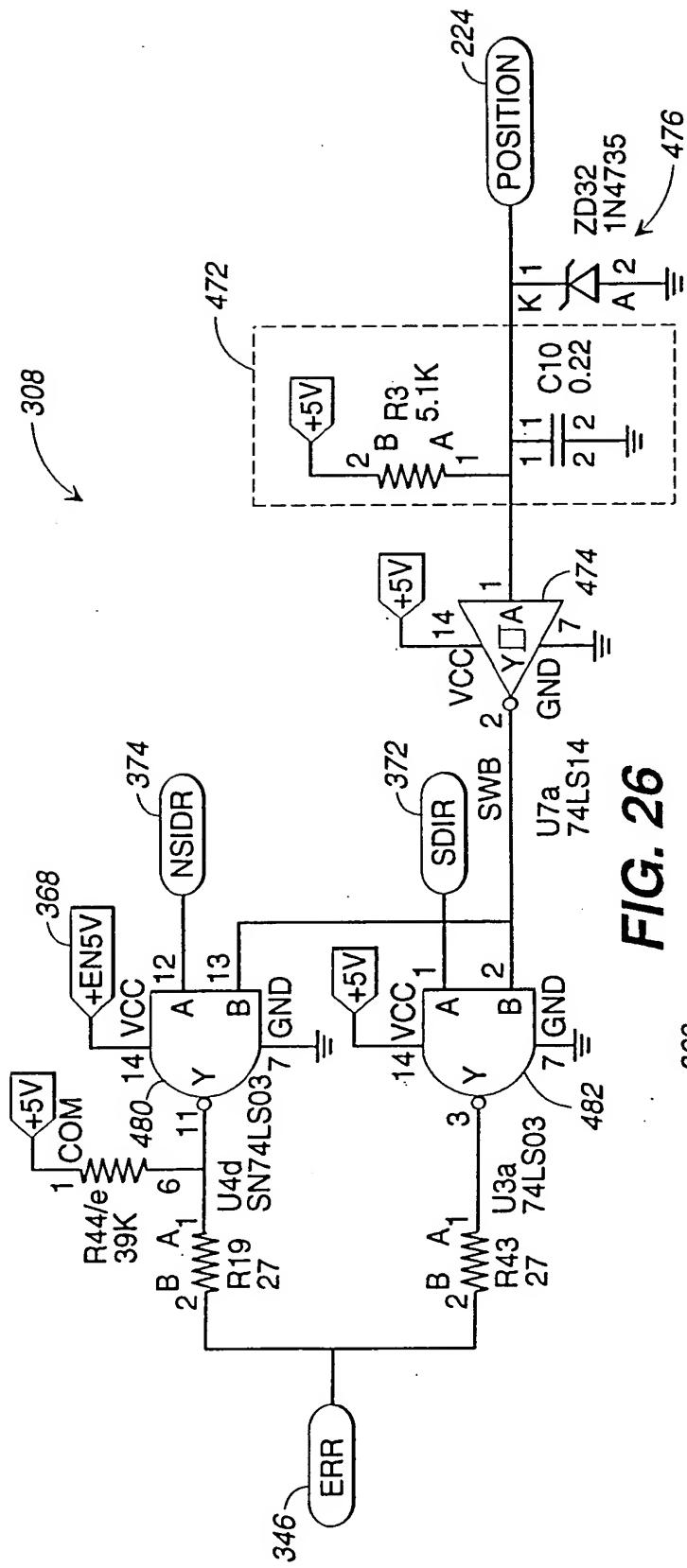


FIG. 26

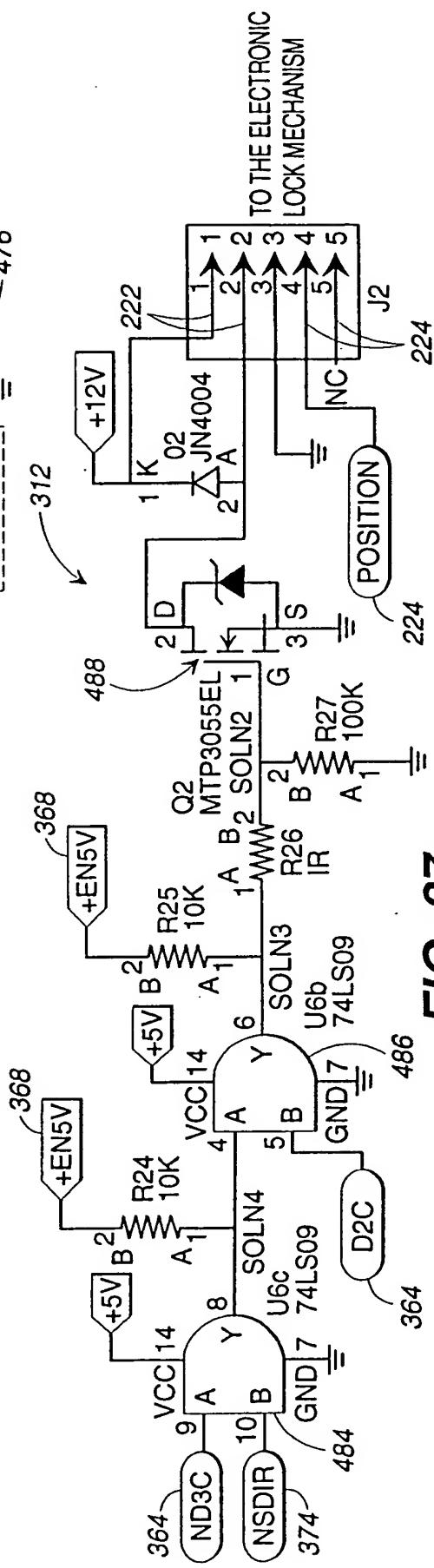


FIG. 27

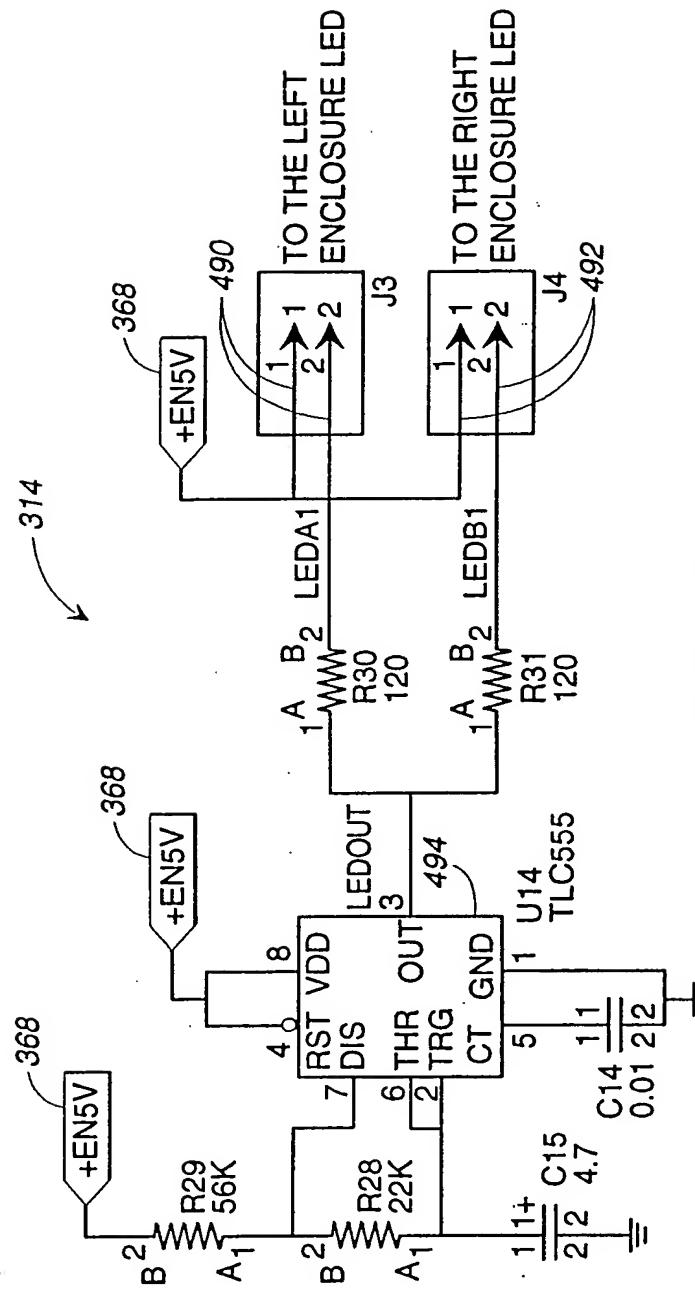


FIG. 28

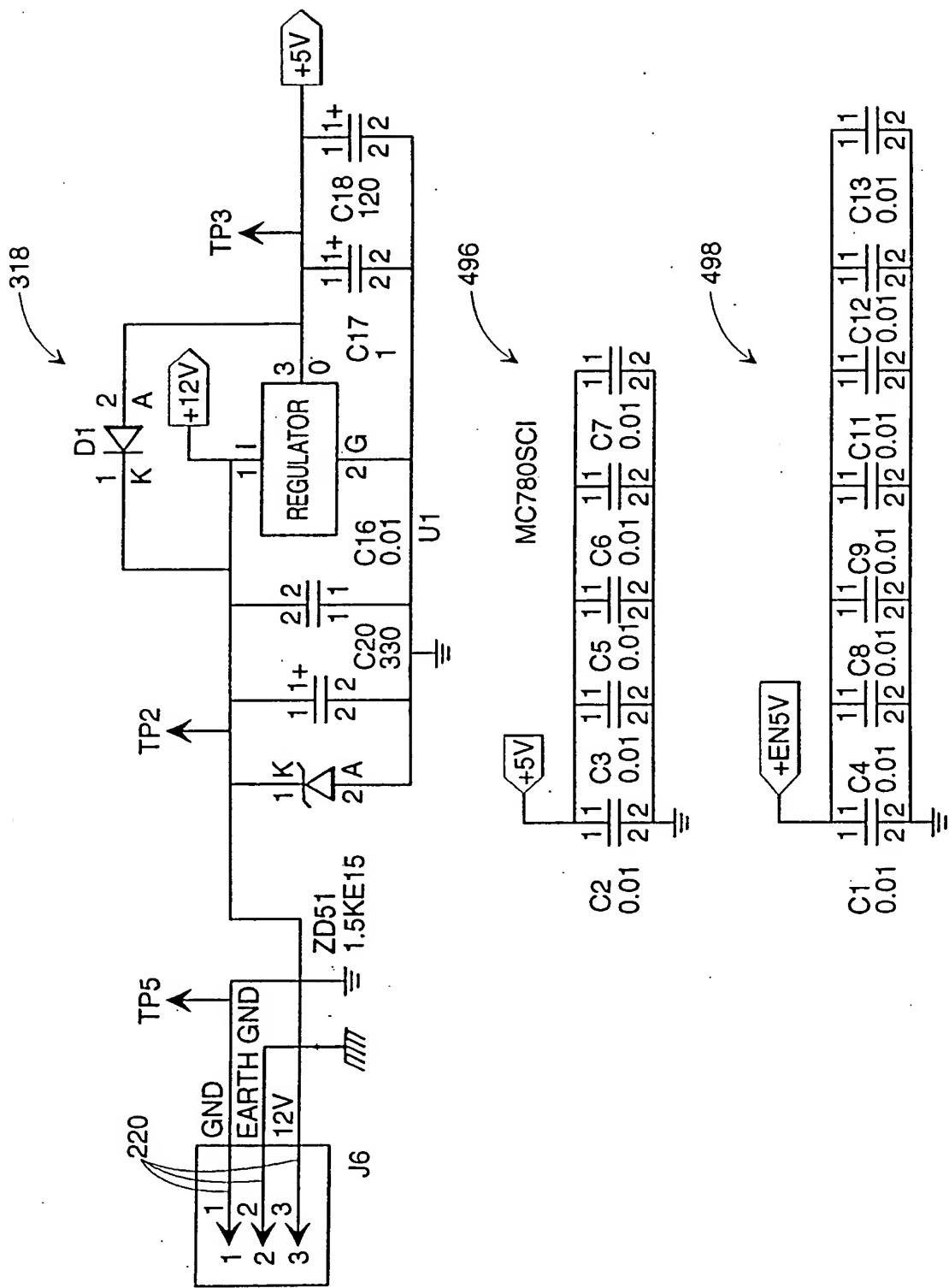


FIG. 29

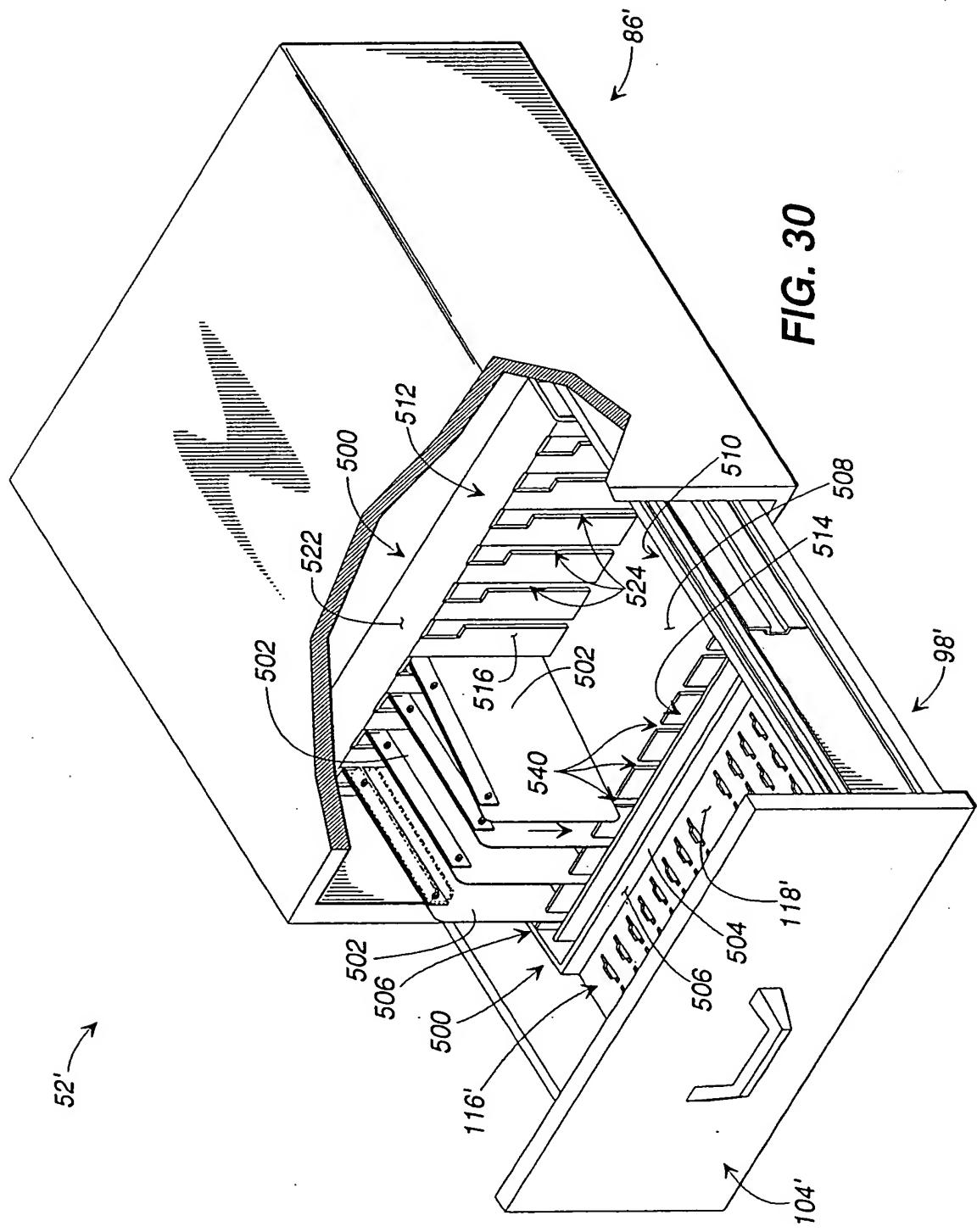
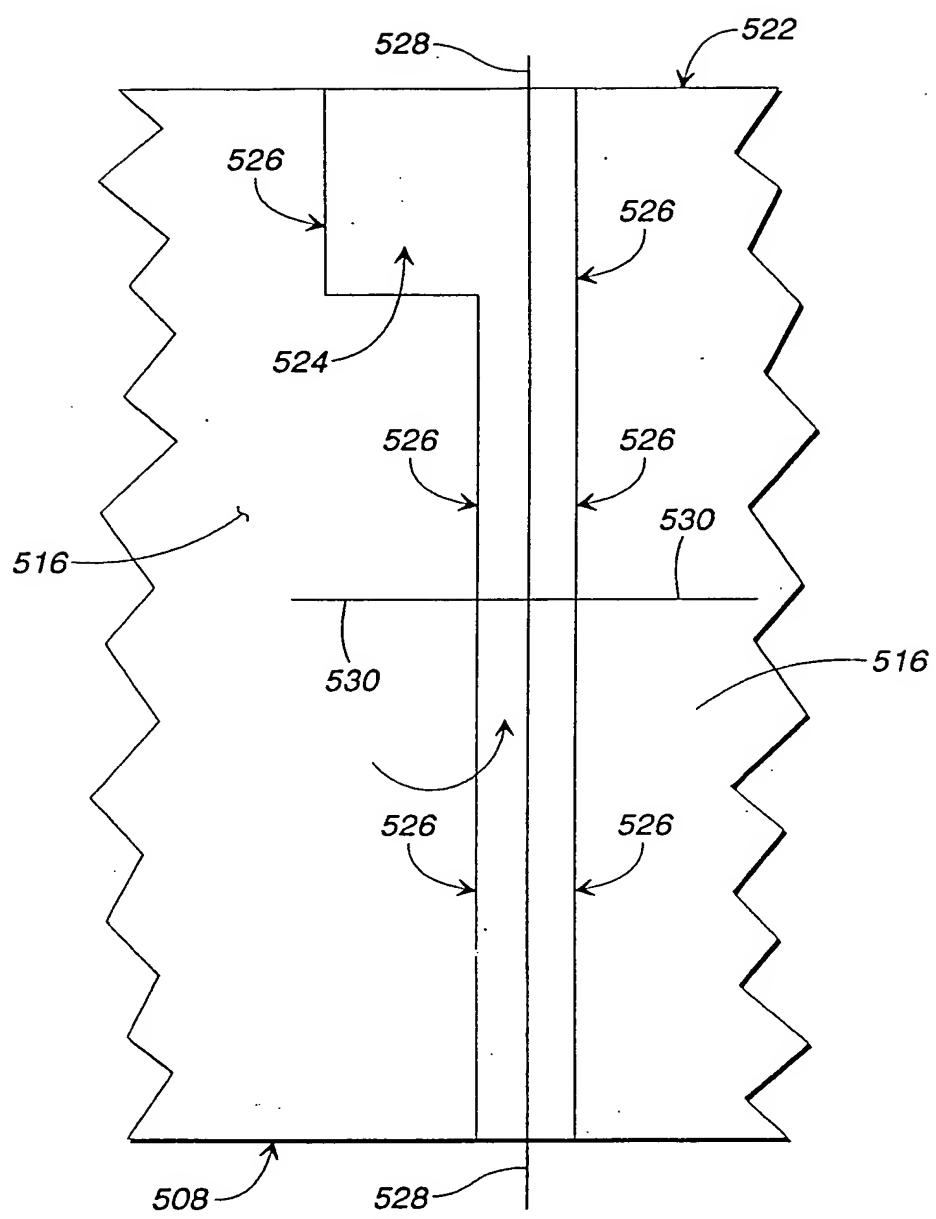
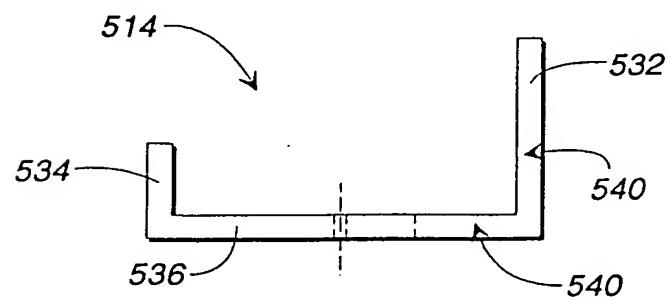


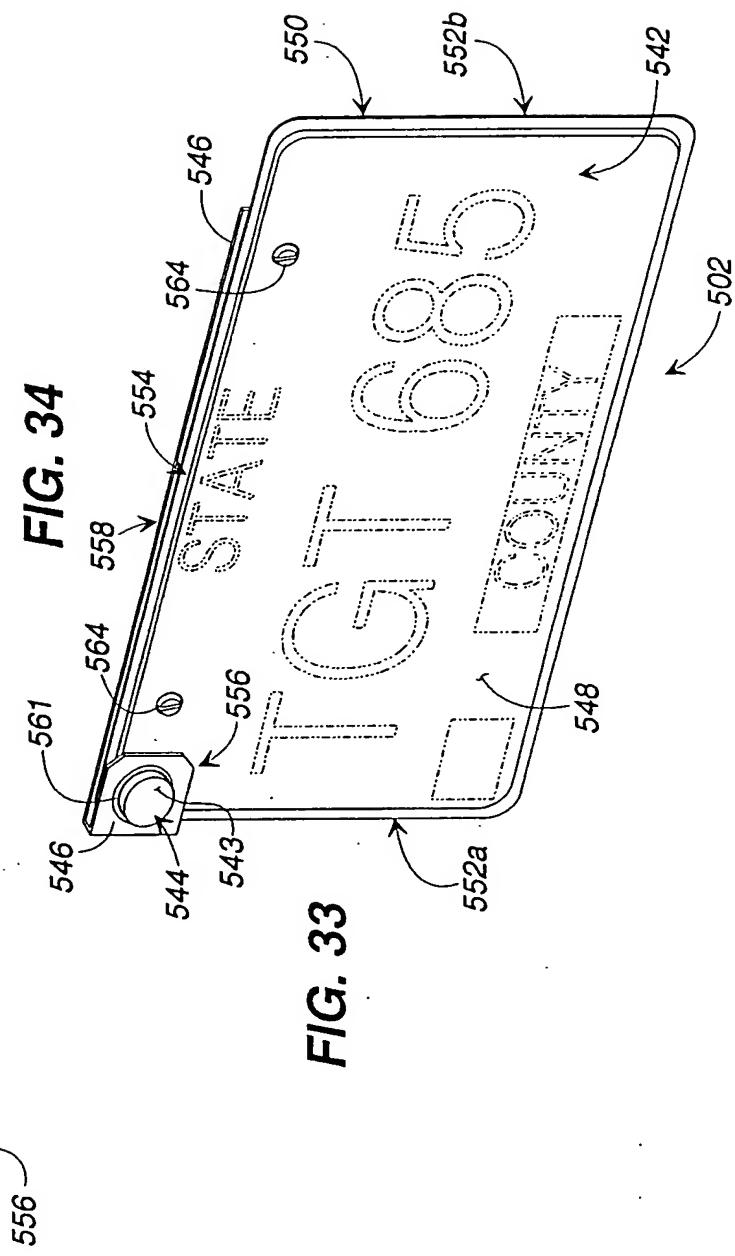
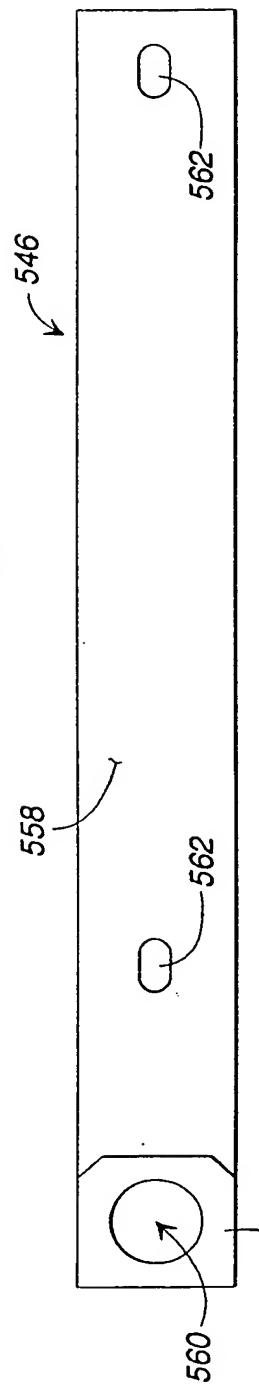
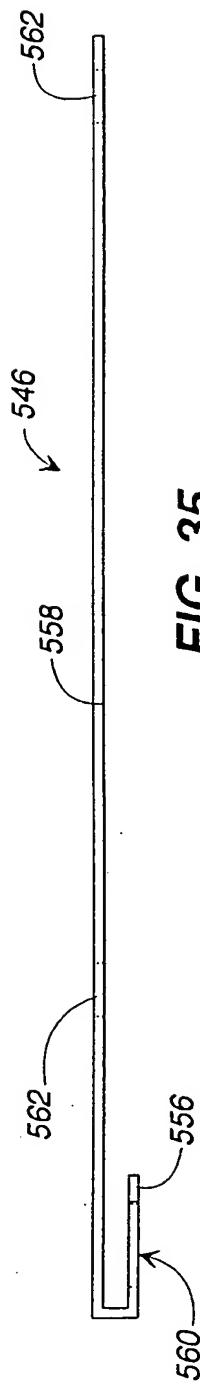
FIG. 30

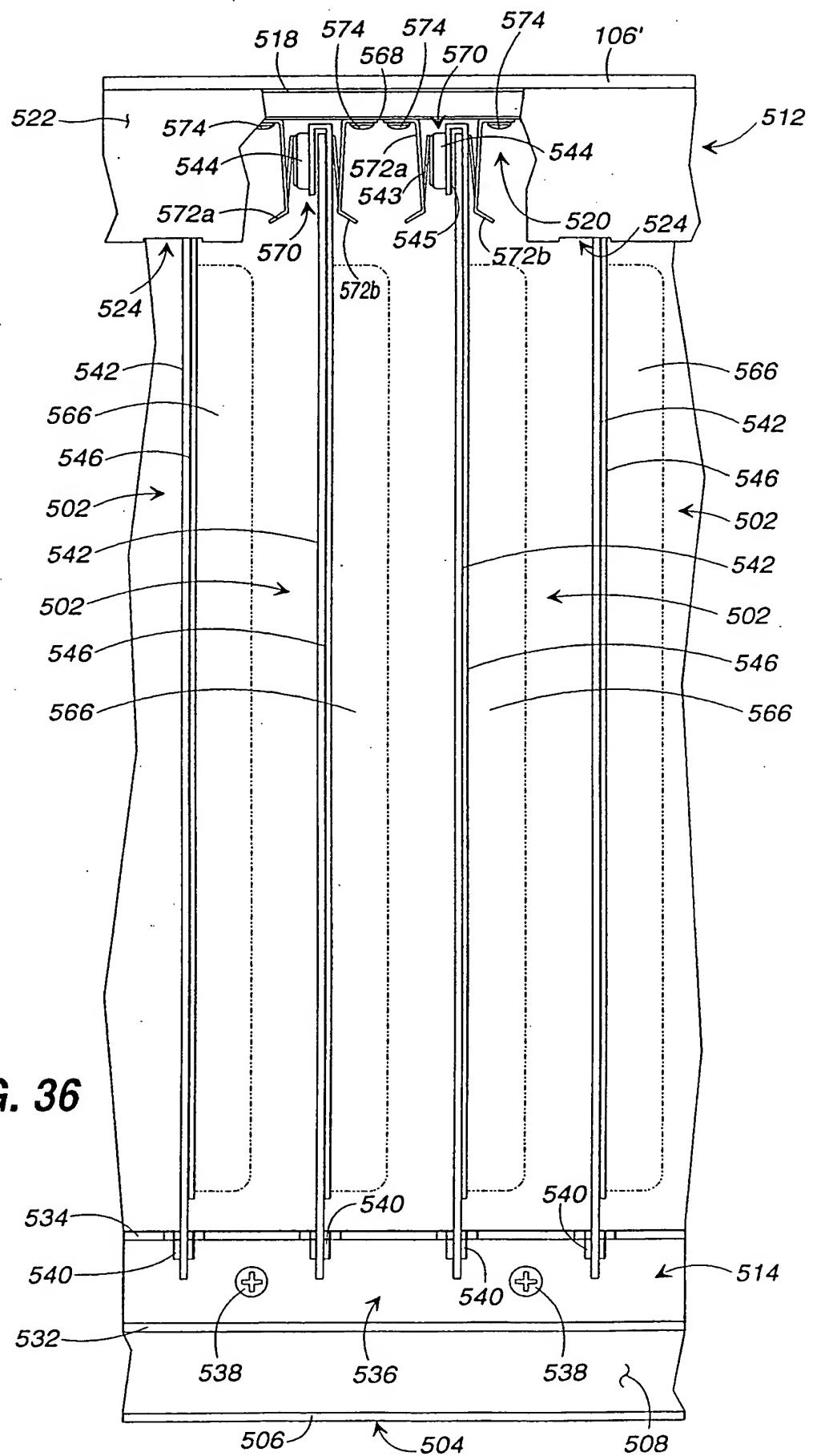


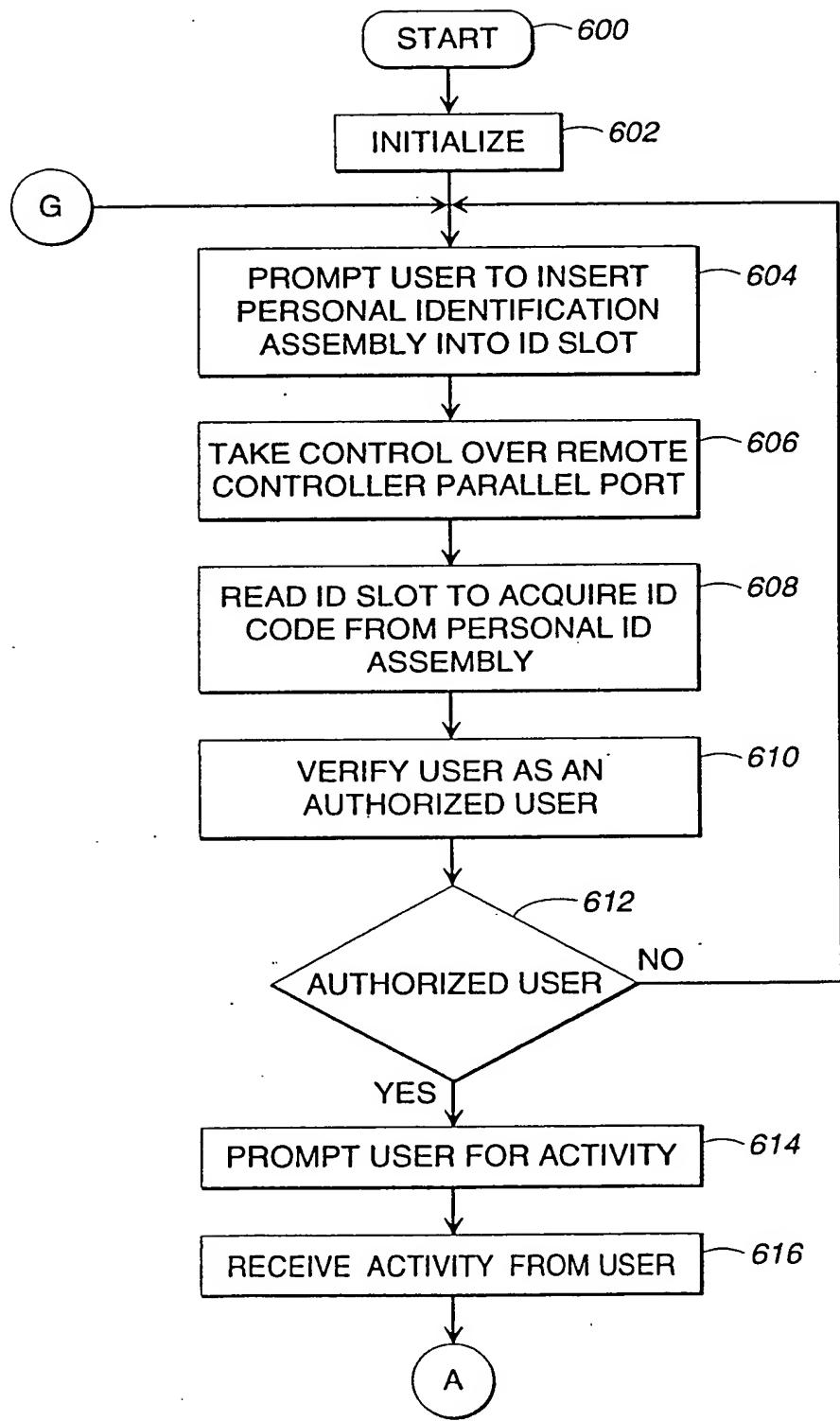
**FIG. 31**



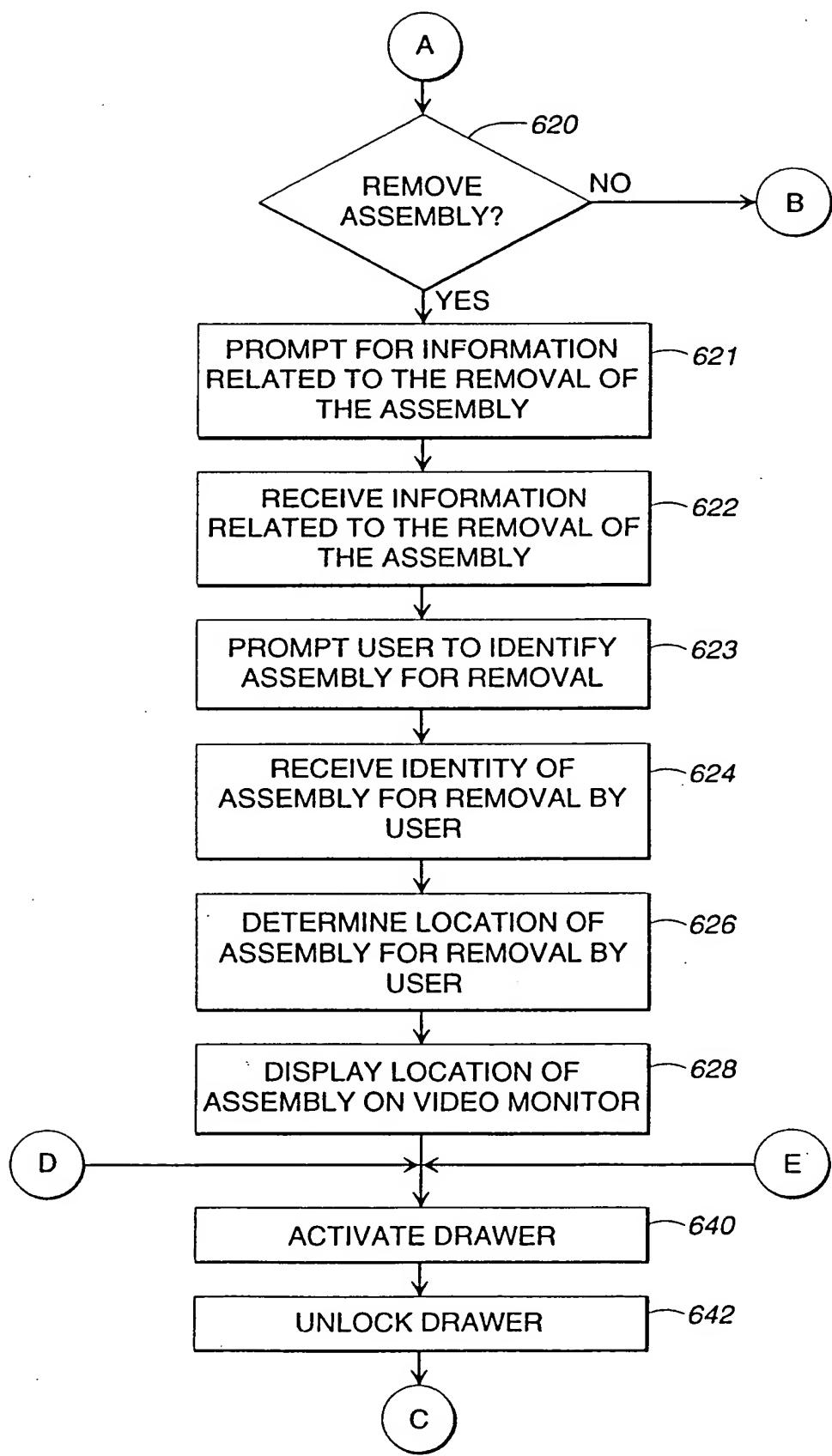
**FIG. 32**



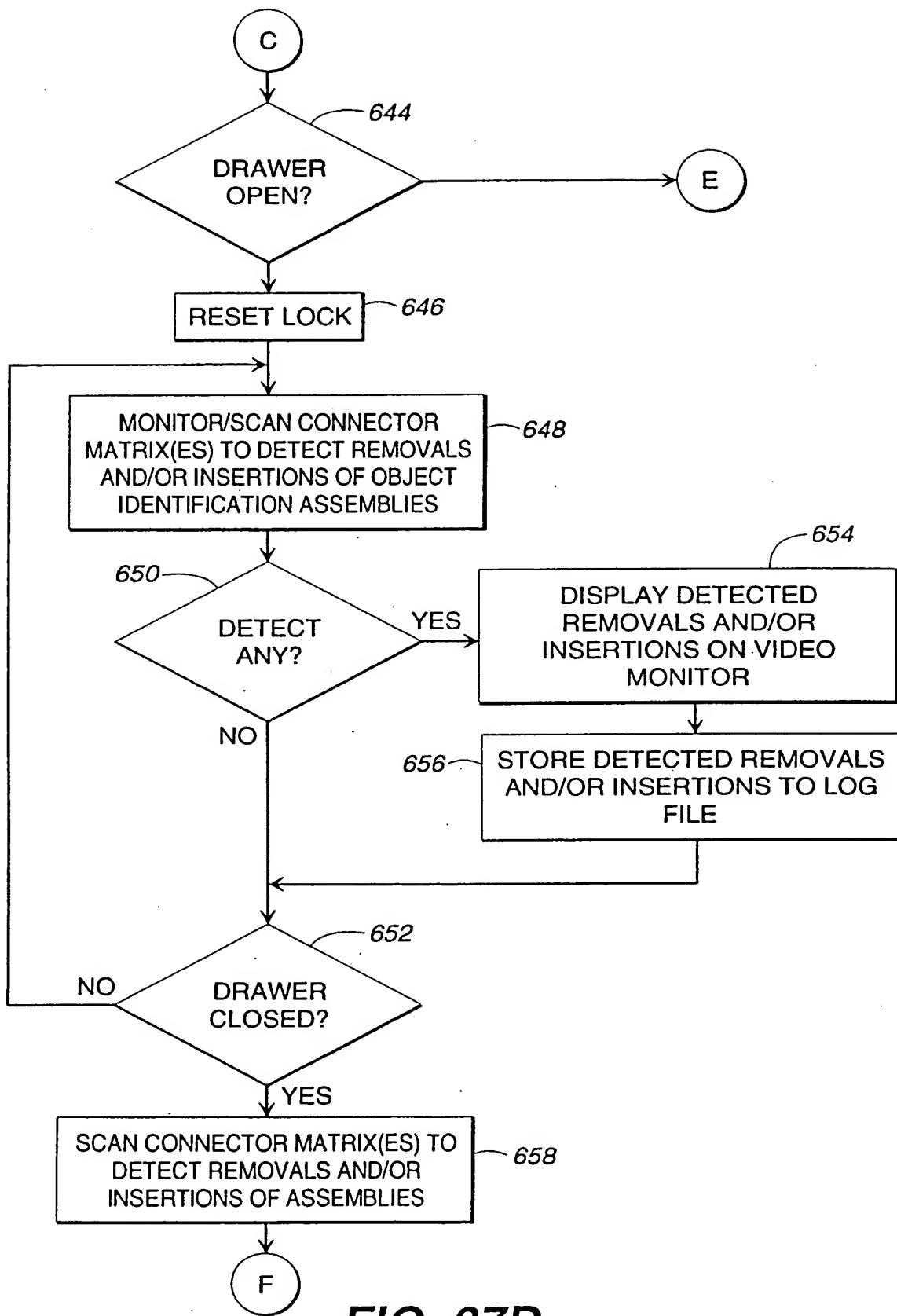




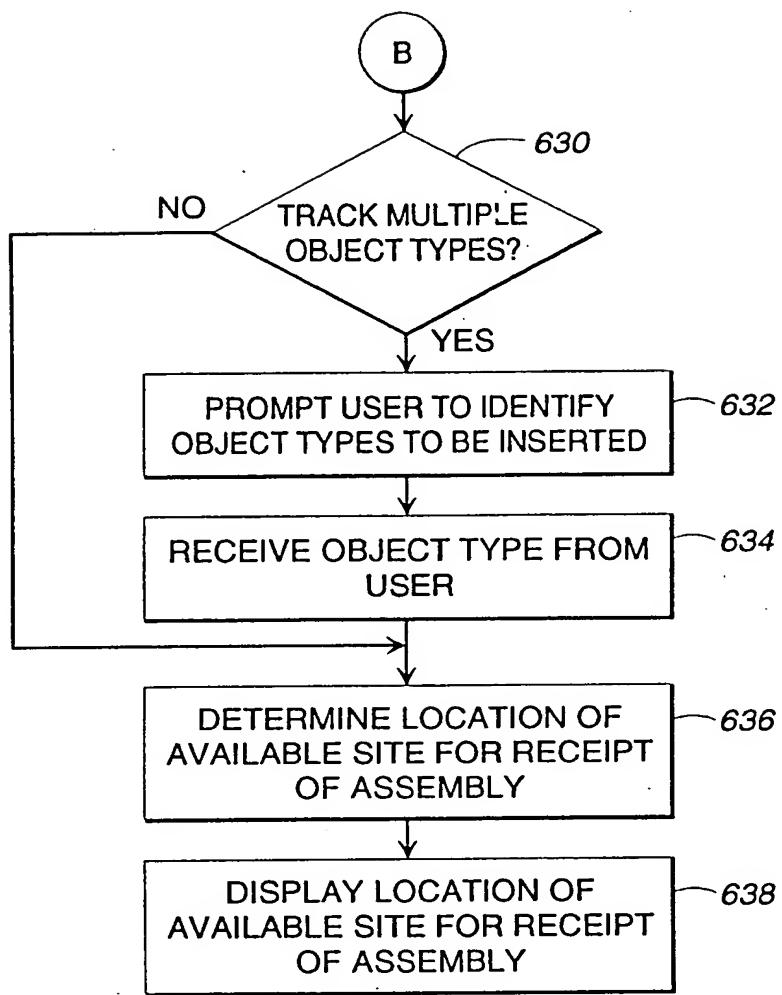
**FIG. 37A**



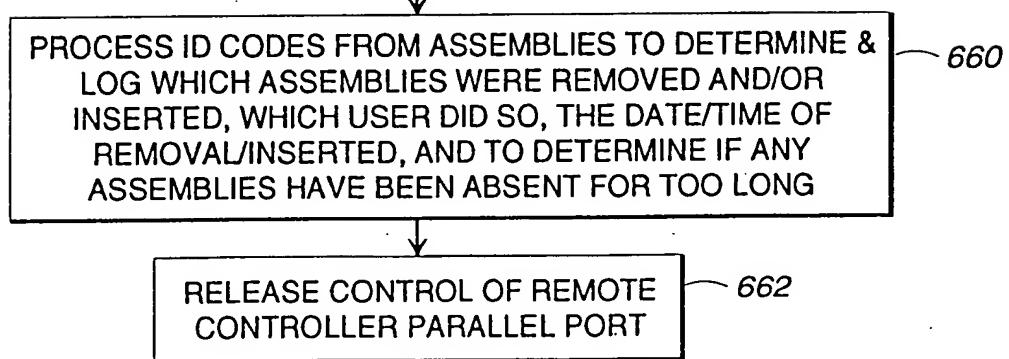
**FIG. 37B**



**FIG. 37D**



**FIG. 37C**



**FIG. 37E**